

SEQUENCE LISTING

<110>	MEDRANO, JUAN	
	BRADFORD, ERIC	
	HORVAT, SIMON	
<120>	CLONING OF A HIGH-GROWTH GENE	
<130>	407T-923710US	
<140>	US 09/771,208	
<141>	2001-01-26	
<150>	US 08/999,477	
<151>	1997-12-29	
<160>	21	
<170>	PatentIn version 3.0	
010		
<210>		
	1667	
<212>	Mus musculus	
\213 >	Mus Musculus	
<400>	1	
	ctcaa caaagatggt ctttatggta caggttccct agcagtctgg attccggttg	60
tagtt	ttagt tattetttt ttttttttt taaaeggtae gtggtegeag aegaagaaat	120
ggaag	ccaga gacaagcagg tactccgctc cctgcgtctg gagctgggtg ccgaggtact	180
ggtgga	aagga ctggttcttc agtaccttta ccaggaagga attttgacag aaaaccacat	240
tcaaga	aaatc aaagctcaaa ccacaggcct ccggaagaca atgctgttgc tggacatcct	300

gccttccagg ggccccaaag cttttgacac cttcctcgat tccctccagg aatttccctg ggtaagagag aagctggaga aggcgagaga ggaagtctca gccgagctgc ctacaggtga

360

420

ctggatggcc	ggaatcccct	cacacatcct	cagcagctcg	ccatcagacc	agcagattaa	480
ccagctggct	cagaggctag	gcccggagtg	ggagcccgtg	gtcctgtctc	tgggactgtc	540
ccagaccgac	atctaccgct	gcaaggccaa	ccatccccac	aacgtgcatt	cgcaggtggt	600
ggaggccttt	gtccgctggc	gccagcgttt	tgggaagcag	gccaccttcc	taagcttaca	660
caagggcctc	caggcaatgg	aggctgatcc	ctccctgctc	cagcacatgc	tggagtgacc	720
tgaccccccc	ccgcgccccc	cccccacttg	ctgtgggggt	ggtggggcgt	gggttcccaa	780
gtcacactgg	ctgaaccgga	cttttctcag	caggtggctt	tgttctgggc	ttttcagtga	840
tctgtttacg	gaaagagatc	gtccaccact	cactcaacca	tcgattggct	ttaattgctt	900
gaagactgcg	ctgttgtaac	tatggtttgg	aactttgtgg	ctggccttta	acaggaggcc	960
agaaaaaaca	caacacccac	cctacccaac	ccccaaaaa	atcatgctac	agcatcgaat	1020
gcaggtgtcc	tgcatacaag	gcagctacac	ttgtgttgcc	tggagactgg	attgtgcatt	1080
tagctcttca	taatggtgat	gataataaaa	aagcaaattg	tgatatagaa	tgtgcctctt	1140
tcaatgagag	agtattatat	cacacacaca	cacacacaca	cacacacaca	tacacacaca	1200
cacaccaatc	ttctgttgca	tagacggagg	gtgtaaaaat	atgggagtgg	agcaagattg	1260
atagcagtca	tgtgacgacg	gagataaata	actcaggcag	gatgtataga	ttaagcatga	1320
gacaccgaag	ctccctgcag	aggccaggga	gagaacggaa	gaccttcatc	ttaacaaatt	1380
gtatgaggag	tctctgtcca	tttgttaaag	gcattggatc	agagacaaga	gggctcagtg	1440
tttctcttga	ggcctgaatg	gctgaaggcg	gtgagttccc	gaggggcgtc	atgggttgtc	1500
cagcctttca	ttaactgcac	atagtgttag	ccagacaggt	gtacgtgttt	gtcatcccat	1560
ctaagagact	gaagcaggag	gatcacctgt	acatgactgc	ttctttcaac	attttaaaat	1620
gtgtaacttc	tattaaattc	tctcagtgca	aaaaaaaaa	aaaaaaa		1667

<210> 2

<211> 304

<212> DNA

<213> Mus musculus

<400> 2
gaagaaatgg aagccagaga caagcaggta ctccgctccc tgcgtctgga gctgggtgcc 60
gaggtactgg tggaaggact ggttcttcag tacctttacc aggaaggaat tttgacagaa 120
aaccacattc aacaaatcaa agctcaaacc acaggcctcc ggaagacaat gctgttgctg 180
gacatcctgc cttccagggg ccccaaagct tttgacacct tcctcgattc cctccaggaa 240
tttccctggg taagagagaa gctggagaag gcgagagagg aagtctcagc cgagctgcct 300

acag	•															304
<210	> 3	3														
<211	> 2	L60														
<212	> [ONA														
<213	> l	oovir	ne sp	,												
<400 ggaa			gctag	gagad	ca aç	gcaag	gtgct	t tog	geted	cctt	cgc	ctgga	agt '	tgggt	gcaga	60
ggta	ctgg	gtg g	gaggg	ggcta	ag to	cctco	cagta	a tct	ttat	cag	gaag	ggggt	cct '	tgaca	agaaag	120
ccac	gtto	caa g	gaaat	taaa	ag ct	caaç	gccad	c ago	geeto	ccgg						160
<210	> 4	1														
<211	> 5	539														
<212	> I	PRT														
<213	> 1	Mus r	nuscı	ılus												
<400	> 4	1														
Met 1	Glu	Thr	Gly	Leu 5	Ala	Leu	Ala	Ala	Arg 10	Gly	Ala	Ser	Pro	Leu 15	Tyr	
Ser	Gly	Leu	Asn 20	Val	Ala	Leu	Leu	Glu 25	Ala	Arg	Gly	Ser	Glu 30	Arg	Leu	
Glu	Ala	Arg 35	Gly	Leu	Glu	Gly	Leu 40	Leu	Glu	Gly	Leu	Tyr 45	Ala	Leu	Ala	
Gly	Leu 50	Val	Ala		Leu			Ala				Gly	Leu	Tyr	Leu	
Glu 65	Val	Ala	Leu	Leu	Glu 70	Gly	Leu	Asn	Thr	Tyr 75	Arg	Leu	Glu	Thr	Tyr 80	
Arg	Gly	Leu	Asn	Gly 85	Leu	Gly	Leu	Tyr	Ile 90	Leu	Glu	Leu	Glu	Thr 95	His	
Arg	Gly	Leu	Ala 100	Ser	Asn	His	Ile	Ser 105	Ile	Leu	Glu	Gly	Leu 110	Asn	Gly	
Leu	Ile	Leu 115	Glu	Leu	Tyr	Ser	Ala 120	Leu	Ala	Gly	Leu	Asn 125	Thr	His	Arg	
	His 130	Arg	Gly	Leu	Tyr	Leu 135	Glu	Ala	Arg	Gly	Leu 140	Tyr	Ser	Thr	His	
Arg	Mot	Glu	Thr	Leu	Glu	Leu	Glu	Leu	Glu	Ala	Ser	Pro	Ile	Leu	Glu	

Leu	Glu	Pro	Arg	Ser 165	Glu	Arg	Ala	Arg	Gly 170	Gly	Leu	Tyr	Pro	Arg 175	Leu
Tyr	Ser	Ala	Leu 180	Ala	Pro	His	Glu	Ala 185	Ser	Pro	Thr	His	Arg 190	Pro	His
Glu	Leu	Glu 195	Ala	Ser	Pro	Ser	Glu 200	Arg	Leu	Glu	Gly	Leu 205	Asn	Gly	Leu
Pro	His 210	Glu	Pro	Arg	Thr	Arg 215	Pro	Val	Ala	Leu	Ala 220	Arg	Gly	Gly	Leu
Leu	Tyr	Ser	Leu	Glu	Gly	Leu	Leu	Tyr	Ser	Ala	Leu	Ala	Ala	Arg	Gly
225					230					235					240
Gly	Leu	Gly	Leu	Val 245	Ala	Leu	Ser	Glu	Arg 250	Ala	Leu	Ala	Gly	Leu 255	Leu
Glu	Pro	Arg	Thr 260	His	Arg	Gly	Leu	Tyr 265	Ala	Ser	Pro	Thr	Arg 270	Pro	Met
Glu	Thr	Ala 275	Leu	Ala	Gly	Leu	Tyr 280	Ile	Leu	Glu	Pro	Arg 285	Ser	Glu	Arg
His	Ile 290	Ser	Ile	Leu	Glu	Leu 295	Glu	Ser	Glu	Arg	Ser 300	Glu	Arg	Ser	Glu
Arg 305	Pro	Arg	Ser	Glu	Arg 310	Ala	Ser	Pro	Gly	Leu 315	Asn	Gly	Leu	Asn	Ile 320
Leu	Glu	Ala	Ser	Asn 325	Gly	Leu	Asn	Leu	Glu 330	Ala	Leu	Ala	Gly	Leu 335	Asn
Ala	Arg	Gly	Leu 340	Glu	Gly	Leu	Tyr	Pro 345	Arg	Gly	Leu	Thr	Arg 350	Pro	Gly
Leu	Pro	Arg 355	Val	Ala	Leu	Val	Ala 360	Leu	Leu	Glu	Ser	Glu 365	Arg	Leu	Glu
Gly	Leu 370	Tyr	Leu	Glu	Ser	Glu 375	Arg	Gly	Leu	Asn	Thr 380	His	Arg	Ala	Ser
Pro 385	Ile	Leu	Glu	Thr	Туг 390	Arg	Ala	Arg	Gly	Cys 395	Tyr	Ser	Leu	Tyr	Ser 400
Ala	Leu	Ala	Ala	Ser 405	Asn	His	Ile	Ser	Pro 410	Arg	His	Ile	Ser	Ala 415	Ser
Asn	Val	Ala	Leu 420	His	Ile	Ser	Ser	Glu 425	Arg	Gly	Leu	Asn	Val 430	Ala	Leu
Val	Ala	Leu 435	Gly	Leu	Ala	Leu	Ala 440	Pro	His	Glu	Val	Ala 445	Leu	Ala	Arg
Gly	Thr 450	Arg	Pro	Ala	Arg	Gly 455	Gly	Leu	Asn	Ala	Arg 460	Gly	Pro	His	Glu
Gly 465	Leu	Tyr	Leu	Tyr	Ser 470	Gly	Leu	Asn	Ala	Leu 475	Ala	Thr	His	Arg	Pro 480
His	Glu	Leu	Glu	Ser 485	Glu	Arg	Leu	Glu	His 490	Ile	Ser	Leu	Tyr	Ser 495	Gly

Leu Tyr Leu Glu Gly Leu Asn Ala Leu Ala Met Glu Thr Gly Leu Ala Leu Ala Ala Ser Pro Pro Arg Ser Glu Arg Leu Glu Leu Glu Gly Leu 520 Asn His Ile Ser Met Glu Thr Leu Glu Gly Leu <210> 5 <211> 20 <212> DNA <213> Artificial <220> <223> PCR primer <400> 5 20 tggaagccag agacaagcag <210> 6 <211> 21 <212> DNA <213> Artificial <220> <223> PCR primer <400> 6 21 agaaatggaa gccagagaca a <210> 7 <211> 22 <212> DNA <213> Artificial <220> <223> PCR primer <400> 7

cttttgacac cttcctcgat tc

22

<210>	8						
<211>	21						
<212>	DNA						
<213>	Art	ificial					
<220>							
<223>	PCR	primer					
<400>	8 cac	aggcctccgg	а				21
CCCuaa	Joue	aggoocoogg	~				
<210>	9						
<211>	139	08					
<212>	DNA						
<213>	Mus	musculus					
<400> aaaagag	9 Jggt	ctgtgcaaag	gcccaggagg	gagaaaaaaa	caaacaaaca	acaacaaaaa	60
aaaacac	atg	ctatggtttg	aatggaaaaa	tatcccatga	aggcttatgt	atttgagtca	120
cttctta	gct	ggtagcactc	acttttgaag	gctgtaaagc	cttcaatctg	tgggtcctac	180
ccctttg	gca	aaccttgatc	tccaaagtta	cataagcaca	ggcacacact	tccacttcct	240
ctgaggt	ttt	ctaccaagaa	aggatcaacc	attcataaaa	tgttggtcct	agtgaaccct	300
gcacatt	gta	gaggcttaaa	aagtttaatt	tgggcctcca	actcactaca	caggaactcc	360
agcggga	tcc	gcctgtccgt	tcatgctaac	ctttcaccga	catcttgttt	ttaagtttac	420
agaaaac	gtt	agggacctaa	agaaggtcat	tacattacag	tacattacag	tacaacagaa	480
gttacaa	agt	agcaatgagg	ggcttgggga	tttagctcag	tgctagagcg	cttgcctagc	540
aagtgca	aga	ccctaggttc	ggtcctcagc	tctgaaaaat	caaaacaaaa	caaaacaaag	600
tagcaat	gat	aataatttta	tggttgaggg	gtcaccatga	tatgaggaac	tgtattaaac	660
ggtcgct	gca	ttagggagga	tgaggaccac	tgtggggctc	agctgaagga	agtgagttgc	720
tggtgta	ggg	caccggagtg	ctagatgtaa	accggtttcc	tgtctccctt	ctaaggctga	780
ctgcacc	act	aattcctgcc	tcccgtggag	ggtgctttcc	aggctccaag	ccttcctgcc	840
atgttgg	aat	gtgtcctgtg	aaccatgaac	cgagatcaat	ctttcctccc	ttccatcacc	900
tctgcca	ıggt	ggtttggtca	tagtactcag	tagagtaagg	aggctggaag	atttactaca	960
cctgaca	aag	aaaaattaat	ctgtatgatc	tcaaaaaaaa	aaaaaaaaa	aacaccacca	1020

ccaacaacaa aaaaaccaac aaaaaaccaa aaccetttag gagtgcagaa gcacaggcac 1080

acacttccac	ttcctctgag	gttttctacc	aagaaaggat	caaccattca	taaaacgttg	1140
gtcttagtta	tccctgcaca	ttgtagaggc	ttaaaaagtt	taacttgggc	ctccaactca	1200
ctacacagaa	ctccagaggg	atccgcctgt	ccgttcatgc	taacctttca	ccgacatctt	1260
gtttttaagt	ttacagaaaa	cgttagggac	ctaaagaagg	taagcatcct	gctaagttac	1320
tccctggctt	tacacaggct	ttctaaaact	tgagtaagag	gcatccttcc	catcaaagat	1380
tccaggaaaa	cagcctcccc	cctccgcggc	cacacatacg	aatctatcgc	tgacaaagcc	1440
cctgtaagct	ggcttatgtc	ctcccctcgc	gttcaccatt	ctgtaagtgc	atagaattat	1500
ttaagaggaa	aaaaattact	gtggataaaa	attggttcgg	ggccttggaa	ttggccggtc	1560
gtgttgtgtt	tccttccagg	gccggcaggc	ggggcaccag	gcaaggcttg	gaagccgcgc	1620
ctctctcaac	ctctcctggc	cacccttgcc	caacttcccc	atagacacag	cttcaactaa	1680
aagtggccat	tgacctttca	agcttttgag	cagtggggca	acagaacagt	atttcaaaga	1740
aaaatggtta	tcgaaatttc	gaatccggtt	ttcccatgag	tgttttttt	ttgttttgtt	1800
tttctqttaa	aaaaaaaaa	agtaggtcac	attcaaaqtq	ggtcacgttt	caggageegg	1860
		gaggctaggt				1920
		gatcaatacg				1980
		cctgtgaccc				2040
		ggtgggtctc				2100
		ggctgatgca				2160
		cagctttaag				2220
		gacagtctct				2280
		tgctagctct				2340
		ccttcccgca				2400
		gcacagcggg				2460
		aggggctgct				2520
		gtggcttaat				2580
		gtcagaggag				2640
		cggctctctc				2700
		cgctggcggg				2760
		ccgccgcggc				2820
		ctgggaagtc				2880
		ccgcctctgc				2940
3	2 3	5 - 5 -			-	

gcatgagcct	ttcctcccgc	agccgccaac	gctgcgcggg	tctcggacag	tgcgcgccgg	3000
gactccaggc	gcgcgccctc	aagatccctt	gtgcccggag	cccggaagct	tgcggcaggt	3060
accgctcgcg	aagcccgaag	gttccgcccg	gggggacagt	ggccgggagg	gcggcggggt	3120
gcgagcacgg	gggcggcggc	ggaccgcctg	ggcgtccgca	gtttagggcg	ccccgggaga	3180
gttcaagtcg	gggctctgcc	ccatccggac	tcaactgcct	cctctctccc	gggttccttc	3240
tcggtctcgg	gaaattttcc	gagcaccccc	accccccaac	aactgctacc	caaatttata	3300
atcctaataa	cctgatctcc	cgctcctccc	cgccagcctc	cgcccttgct	ccccacccc	3360
accccttctc	tttctcccat	ctcctccgct	tcaactggag	ggaaacccgg	cactggcgag	3420
caggggtgtc	agcctggggc	ggagaggggg	gggggaagct	aggcgacgat	ccctgggatt	3480
tttgtctgcc	tttggcgcag	aaaaactcgg	ttgcttttac	tgagcgcaga	gccgattgca	3540
tccccaggca	tctccttcca	caaataaacg	tcacccgggg	aactcagacg	gacacccctc	3600
cttgccccct	ggctcccccg	ccccttgtcc	gctggggagg	ctgcctagtg	cggaggcggc	3660
agtcgcggcg	gtggaggtaa	gacctcagtc	ccagttgatg	gcatggcccg	ctgcgctcgc	3720
tgttgcgggc	tcagccccgg	cctcatttgg	agctccggcg	ggggctgcac	gctccggccg	3780
attcctcgac	agcgcccgcg	gcggcagccg	caggagccgc	ggtccgcgtt	ttggagcgac	3840
cgccgctgag	cccccatcc	tcgtctggag	cgtgctccag	gaagcggcag	gagtgggggt	3900
gaggccgcct	ccgaggcagg	gatgcagcgg	ctggcgcgcc	gctagcgcac	cgcagcaccc	3960
tcggctggcg	acccaggagc	cctgcggcgc	tttagggcgt	ggaaccaggt	tttgccggat	4020
gcatcctccc	aagggccctg	gggctgctcg	aaatgtaaga	tggaaatgcc	aagtgcagag	4080
aactgcccgg	ttctttgtgt	aatgttttcc	ccccacccc	caccccccac	ttgcccatga	4140
caaaggccta	tccatccgga	cccgcaggtg	actgtttcct	gggctgcctg	tgtgtaattc	4200
cagcacacag	ttcttcggcg	ggaaaacacc	ttgtttactc	tcatcctgtc	tccctcctca	4260
cccctctact	ccggccaact	ttagtgtctt	ggatctctgc	cctttttacc	cgtctttccc	4320
cagagttggg	cagggcgtta	gctggatgct	cggggttaaa	tggtacagaa	cacgcaggcg	4380
gaggagtccc	tgggattttc	cacgtgtctg	tttacccacc	cccacctcgg	ccgtaggggt	4440
tcagcccaga	ctgacccaat	ctctgttcca	ttgtttcttc	acaggcgatc	tgtgggtgac	4500
agtgtctgcg	agagactttg	ccacaccatt	ctgccggaat	ttggagaaaa	agaaccagcc	4560
gcttccagtc	ccctccccct	ccgccaccat	ttcggacacc	ctgcacactc	tcgttttggg	4620
gtaccctgtg	acttccaggc	agcacgcgag	gtccactggc	cccagctcgg	gcgaccagct	4680
gtctgggacg	tgttgactca	tctcccatga	ccctgcggtg	cctggagccc	tccgggaatg	4740
gagcggacag	gacgcggagc	cagtggggga	ccgcggggtt	gccggaggaa	cagtcccccg	4800
aggcggcgcg	tctggcgaaa	gccctgcgcg	agctcagtca	aacaggtagg	gagctggcgg	4860

ctggcgagga	gtgcgaaacg	gggcgtcccc	atccccaccc	tacccaaggc	ggtggcggag	4920
agcgcggctg	ggacgcgggc	ccaggttggg	ggcactgaaa	gcgatggaac	tactactcct	4980
cgcgtccggt	ctccgctcgg	ggaaccgcag	agagggatgc	ccggatctta	ggtgaccaca	5040
aaagcaaagt	ggagggacgc	tgaggcttgg	gcaagggccg	ggagcgagct	gggctcattt	5100
tggaaatgtt	cccccagcac	cttggagcct	aggctgcttt	cagccggagc	tecegetege	5160
tccggcgtgg	gagaaaagcg	gccagcgcct	ctcttaactg	gcccggtgcg	cgggcggcca	5220
gtgggctgtg	ctgcctcctg	tctgggctgt	gagcgctccc	gagagcacag	ccgcctctgc	5280
cgcagcccgg	gttgatggca	gccaagttca	gactgtatga	atcgcagctg	ctgggggtgg	5340
ggggtagcct	gggccgagtg	cagcctgctc	cccgcaatgc	ggaaagcacc	ctacatctga	5400
aagcaaagaa	gagaaattta	tattttctcc	caatagctcg	aaaacaattt	gagtcttaaa	5460
aaatctggct	tctgaaaact	tacctttgag	gcaagacaac	ttttgtagca	gtagatcttg	5520
ggagaggaga	aaaagttcca	gtctttcctt	teggeeetgg	gctttccttg	ggaaagtttc	5580
ccggtaatat	ttttttgttg	cgggggggg	gggtggcgag	aggggagctg	tcggctgaaa	5640
caaaaaaaaa	cacattgttc	aaagttatta	aacgaagtat	cttgagttac	ttttgtaagt	5700
	atctggtcaa					5760
	aaagtccaaa					5820
	ctagttgtaa					5880
	gttacaagtt					5940
	tgtttttaat					6000
	ttctgattta					6060
	tttttctttg					6120
	aaaaccttaa					6180
	tttacagttg					6240
	gtaggccttg					6300
	agaaattagt					6360
	agaagaacaa					6420
gccagcctgg	gctacaggct	gccctgtctc	aaacaagcaa	ccgactagaa	aaacgactgc	6480
caagtacaga	ccatactcta	aaaattctta	ataataacta	tttcactttc	tcttcttttt	6540
cttttttgaa	tgaaaaaccc	caggatggta	ctggggaagt	atgactgtta	atgaagccaa	6600
agagaaatta	aaagaggctc	cagaaggaac	tttcttgatt	agagatagtt	cgcattcaga	6660
ctacctacta	actatatccg	ttaagacgtc	agctggaccg	actaacctgc	ggattgagta	6720
ccaagatggg	aaattcagat	tggattctat	catatgtgtc	aagtccaagc	ttaaacagtt	6780

tgacagtgtg gttcatctg	a ttgactacta	tgtccagatg	tgcaaggata	aacggacagg	6840
cccagaagcc ccacggaat	g ggactgttca	cctgtacctg	accaaacctc	tgtatacatc	6900
agcacccact ctgcagcat	t tctgtcgact	cgccattaac	aaatgtaccg	gtacgatctg	6960
gggactgcct ttaccaaca	a gactaaaaga	ttacttggaa	gaatataaat	tccaggtata	7020
agtatttctc tctcttttt	c gtttttttt	aaaaaaaaa	aaaacacatg	cctcatatag	7080
actatctccg aatgcagct	a tgtgaaagag	aacccagagg	ccctcctctg	gataactgcg	7140
cagaattete tettaagga	c agttgggctc	agtctaactt	aaaggtgtga	agatgtagct	7200
aggtatttta aagttcccc	t taggtagttt	tagctgaatg	atgctttctt	tcctatggct	7260
gctcaagatc aaatggccc	t tttaaatgaa	acaaacaaaa	caaaacaaaa	caaaacaaaa	7320
acaaaatgtc ccaaggaaa	g gcaagagaat	attcctgtca	gaatgacttg	cctttgtttt	7380
ttgggttcct atgcactgg	g tcaaaagtcc	aagctccata	ggagagaaag	aaaggcttcc	7440
atttccagga ggacagctg	a aggagggaaa	gaccctggct	gacccaggct	tcagctccac	7500
ttctagacgc ctggggttc	a gtctgtgtta	gaacctgtta	tagtttgcat	cctgatgtat	7560
ctagtaggag ttccgttaa	g ctgaccatgc	ttgtatttat	ccctcgtctt	atgcaactaa	7620
tcaaatcaac caaaaaaag	g aaaaaaaaaa	aaaaaaaaga	aacgaaaaaa	gaaccatcac	7680
catgagatcc tgtatttgt	c tttttttact	acacgtatga	cctcccccgt	gagtgagtac	7740
tgtagtcctc catctcaag	g cagccttact	tcagacacat	ttcaaactgg	tgcaaacaga	7800
aaagacttct ctcttttct	t ctgaggctaa	agacaagaat	gtcacgctat	acaggtgcaa	7860
ctcaatcctt gaaaacaga	a accaatgcag	acagagacat	tttacccctt	gatgtagctg	7920
tgagtcccaa cctagtgcc	a ttgtttttat	ttttatttt	atttttggaa	atggctttag	7980
aactttccaa gttatcctt	g aattgtctga	ccacggacat	caacagctgc	ctcccttcta	8040
ccatgtagaa tcctatgac	t taacttttct	tccagatata	gaggggtacc	tgcctgtttt	8100
tcaaagtgtt tatttactg	c tgttactatt	tgattagaat	gtatcaaata	aaaacaaacc	8160
tgacttttac aagttgcac	t cattactttg	agttgtaggt	gtacatttcc	atgctaataa	8220
aaggtcgcca taaaaactc	a ttatcaagtg	aaataaacta	agcaatcagc	tcagggtaga	8280
acattaactc gcttgcctc	c aaataaggcc	cacacctgct	ctatgtgttt	tagaaagcat	8340
ggttcacagg ctaggaatc	g tcaagacagc	ctgatcatgt	gcaggccgga	tgggcacaat	8400
ccttgtgcat ttcaaaagc	a atggtttaga	agcgataaaa	gttacgtcag	ggtctaaact	8460
ctaacaagtt ccgcagccg	c tttctcttgg	ccacccagtc	tcacgactgc	tgtagcatgc	8520
catcttctct agagtctag	a cactatgcct	cttgccgccc	tgtacatgtt	tcctggccgg	8580
gccgtaggtt cctgtgtgt	c cagggtgaaa	ggagaacctg	gggcgtcatg	tgcacgctct	8640
aagtgaatag gaaattata	a aagtgcagaa	taatagaact	gacttacctt	gcagggtttg	8700

aagtccccag	ttttacacca	ggaaggaaac	attaagttta	tccaacctgg	atggattgct	8760
gggtgtggct	tgggaagagc	ctgcttcgct	ctgctgggtg	gtggggcaat	actaggcttc	8820
ccgctaggat	acttagatct	cccttttgca	cactgatgat	gatggttctc	tggtagaacg	8880
cttgggctag	caaggggctt	tgtggaatcc	ttttcaggtc	tccctgctgt	tcctcaggta	8940
ttgggagtga	ggaggcagtc	agaagaccct	gtgcctgtgg	agttatgaca	agctcccgag	9000
tgttgcgttc	agcgcctgca	ggtgtgtgtg	tattgggagc	ccagattcac	tgcttggggc	9060
tgtgatatgg	atcaccttat	ctaactctag	tcctgatggc	aaggaagttg	ataggcatca	9120
ggggacagtt	ttgttttgtt	tttgttttct	tgctttatag	tttttaatat	atttactgag	9180
ttccttgtgt	gccagcctct	gactcaatac	ttcataatat	ctcatttgat	cctcggaagg	9240
accaaaagag	caaagtccag	gatttatggg	aagtgaatag	ttccacactg	atccagttaa	9300
caagttagag	caggctgtaa	tagcagtctt	tttgctgcgg	cctcaaccag	actagtgcag	9360
atactgtaat	tagtgttgcg	tcctctctcg	ctttaaaaac	attttcaaga	agtggtttct	9420
tggtgcatgt	gtgtatgtgt	atgcatgtgc	catgtcatat	atgtgggagg	tgtggcacag	9480
cttctccatt	cttacctctc	gctgcgtggg	ctccagggat	tagacctcag	tetttacega	9540
		gacatcttgt				9600
		gaaataagtg				9660
		atgatgccag				9720
		aggtgtcctc				9780
		gtgtgaagca				9840
		ctgtcctgtg				9900
		gtttctgttc				9960
		cacagataac				10020
		gtgcgcttgg				10080
		catcattcaa				10140
		ggaagccttt				10200
		cagacacgtc				10260
		ggttgtgggt				10320
						10380
		tcactggctc cctgtcattc				10380
		tggagtccgg				10500
						10560
ccccatagg	aaccayaaca	tttcagattc	ayyyactaya	aacctaytea	gcaaatyyyc	T0200

aacatacaaa	cccagagctt	aggtccggtg	gaagctccac	ccttctgccc	tcccttcaaa	10620
ccgcctgtgc	ccttctttgc	tgcagttact	gtaacttaaa	acttgcttcc	tctgacatgc	10680
aaatcaggtt	ttgggatgtc	accacagcag	gatactttca	attcttagct	cctgccccac	10740
tctccaggat	tacccctttt	gtcgtgatcc	actgtataat	gagatatgta	ttaatttgaa	10800
ttctttagtt	ctttttttaa	tcattttgga	gattgaacgt	aggtctttcc	ccacgcttgg	10860
caagcatcct	accgttgagc	cacatctcca	gtccatgtca	atgtctctct	aatctgtttg	10920
ctgtttgaaa	gccgaagtcc	tccggtcctt	gctgtgtggt	gatctcatga	cacgtctgcc	10980
agatgtcacc	cacacatggc	cagggtgccc	agctgactct	actctcctgt	gtttgcttac	11040
cagtagagtc	tgttttggct	tttgcctcct	cttacatgca	ggtagctcct	gccttactct	11100
ctcctgctct	tcccacgatg	ctgtcttttt	agatggtcga	ttagagaagt	cctgggtggc	11160
tgtatgatgg	gccagcgaag	gatgggaatt	caagtctact	tgaattaggt	aaactgacag	11220
atttagggtc	cttaggatta	agtctgtgtc	tgtttctctt	tagttctctt	caggatttaa	11280
aaaccaaagc	cagttcctaa	caccacattt	caacacttta	aaaaaaaaa	aaaaaaaaa	11340
acttgtttat	ttaaacaacc	gtaggctcct	tacttgctag	tttatgctct	attgggaagg	11400
aagaaagaca	gcccttcttt	agcttgtttg	ttgctgaggg	caatccttgc	accttcggtt	11460
tggtcttctc	attctcttct	gctgccctgg	aagattttct	ccagttttcc	ctctatgtgg	11520
tttcagagta	agtcacctta	cctcgcactc	agcttaaggg	acagctgttg	ttggagtcag	11580
cctctaaaag	ccccgtttgt	cccaaatgcc	tgactagcgg	gtcagctgaa	gcagtcattg	11640
tggtcttcct	acccaccctg	tcctcagctc	tgtccacaag	ggaggtctga	gctgccaagt	11700
ctgacggggg	actcacttcc	ataaacattt	actgagccat	aaaaataaaa	ctgcttttat	11760
agacaactct	cactttgaac	tccattcttc	acttggagaa	gaaggcgctg	cccctcgagc	11820
aggagcagtt	tgtgacgggt	tatacagccc	gtctgtggcc	tcatctcagt	gaggaacaga	11880
gggaagggag	actcaagcca	gagagagcct	tggtgcgagc	taagaaaata	acaccagctg	11940
ccttcctctt	ctgtttcagc	ctaagttcct	tccagagagc	cccttcgctg	cggcgaaata	12000
agacacattt	gctagttaaa	tcatcacagg	acttcatata	tttttcctag	actgtcccag	12060
tttccagtca	tgttaagata	aaaagatagc	ctttttgcca	aatggttttt	cccttctgtt	12120
ctttgggcag	cccttttcct	gttcagattt	tgatcttgtg	ttgctatgat	ctttcttagt	12180
ctttcaggaa	aaccctcccc	atgttgtttt	ctgcccaggg	aagttgtttt	cccactttga	12240
ctttcgtcac	ccagatgaac	tgatgaactg	cgttccctta	ggtagtagac	ggaatcgtgg	12300
gtttggtcag	aaagtaagtg	tgttcttgtt	ttgtgtattt	tatttaccta	cctgttctcc	12360
attatgtggt	gataaagggc	ggagagagtg	cctgctgtca	gacaaccctc	tgcttcctct	12420
ccgttcattc	tcactggaac	cactgtcaga	aaaatggctt	catgtcatta	ttatttaagt	12480

atattgaagg cagtaatagg gttgggcaaa gaaaaagggg tgaagcctca ctggtgtgat 12540 gaggggetet teegagtete teattaggta eecagggete teaagaetat gaecagttta 12600 tttctatcac cctgtgtacc aatcettget cttgagetgg ggtaggattg aacagettta 12660 gcggaaaaaa aaattettet tetaagacag ggeettaggt ateetagact cgaattggaa 12720 ctcgatgtag agctaagggt tatcctgaac tcctgaccct cctgcctccg tctttcagct 12780 gctgggatta caggtatgtg cctgcctgta tcaagcctgt taatgcagtg aagccagggc 12840 ttcctgggct ccaggcaagt tcttgaccaa gtgagctact ttcccggaaa ctggcaatca 12900 ttgtcttcaa aattgtgttc ctcttttata ttggggagtg ttaccttttc ctggtggacc 12960 gggcgctttc tgattcagca tctttttctc atccgttaca gtgttatctg tagagtttag 13020 13080 agttgcagag aatggatate ettcaagtet ttattttttt ttaatgatat attttatgta acacattcat gtagataccc agaaagacc agaagaagat gtcagattat ggttctgagc 13200 tgctatgtgg gagttgggaa ttgaattccg gtcctctgga agagcagtaa atgctcctgg 13260 13320 tgtcagagcc atctctcctg tccccatcca caagtcttgg gaccaaggcc taataaatca aggtgttaac cttctattta tattcatttg gtacctgtta tattattcat taggaactca 13380 gggaagagtc acacteteac attatagagg ceetettace ttatgggaag agatagagaa 13440 gacaggattc atatttattc aatagtctgg tctgtctcat gccccattgg ttaatctcca 13500 caacagccag gagcattaca gactcctttt attgaaaata aaacagatgc ttgaagatgg 13560 13620 aaactgtagc gcccagcaat actgccctac gactaggagt ctgtacctgt atggagacta 13680 13740 ataaaqcatt ccttacatga gagaactggc ttaggcttgt gctgtgtact gtccttctgg actccctggg tggtaggact tagaggtgaa gagtgagaga tgtgtggcgg gcaggcagga 13800 13860 agcaggtgcc tgggagagga gtggagaggc agacaagatg ttcaagttttg tcaccgggct 13908 cagatttgtc ccagatttgt tccagattaa tttggagctc tgggtctg

<210> 10

<211> 133

<212> DNA

<213> Artificial

<220>

<223> probe

<400> tgtctg	10 cgag	agactttgcc	acaccattct	gccggaattt	ggagaaaaag	aaccagcctt	60
ccagtc	ccct	cccctccgc	caccatttcg	gacaccctgc	acactctcgt	tttgggaccc	120
tgtgact	tcc	agg					133
<210>	11						
<211>	167						
<212>	DNA						
<213>	Arti	ificial					
<220>							
<223>	Prob	oe					
<400> cgccatt	11 aac	aaatgtaccg	gtacgatctg	gggactgcct	ttaccaacaa	gactaaaatt	60
acttgga	aaga	atataaattc	caggtataag	tatttctctc	tctttttcgt	ttttttaaaa	120
aaaaaa	aaaa	cacatgcctc	atatagacta	tctccgaatg	cagctat		167
<210>	12						
<211>	596						
<212>	DNA						
<213>	Arti	ificial					
<220>							
<223>	Prob	pe					
<400> attcaag	12 gtct	acttgaatta	ggtaaactga	cagatttagg	gtccttagga	ttaagtcgtc	60
tgtttct	ctt	tagttctctt	caggatttaa	aaaccaaagc	cagttcctaa	cacctttcaa	120
cacttta	aaaa	aaaaaaaaa	aaaaaaaact	tgtttattta	aacaaccgta	gccttacttg	180
ctagttt	atg	ctctattggg	aaggaagaaa	gacagccctt	ctttagcttt	gttgctgagg	240
gcaatco	cttg	caccttcggt	ttggtcttct	cattctcttc	tgctgtggaa	gattttctcc	300
agtttt	ccct	ctatgtggtt	tcagagtaag	tcaccttacc	tcctcagctt	aagggacagc	360
tgttgtt	gga	gtcagcctct	aaaagccccg	tttgtcccag	cctgactagc	gggtcagctg	420
aagcagt	cat	tgtggtcttc	ctacccaccc	tgtcctctct	gtccacaagg	gaggtctgag	480
ctgccaa	agtc	tgacggggga	ctcacttcca	taatttactg	agccataaaa	ataaaactgc	540
ttttata	arar	aactctcact	ttgaactcca	ttcacttqqa	даадааддсд	ctaccc	596

<21U>	13
<211>	20
<212>	DNA
<213>	Artificial
<220>	
<223>	PCR primer
	13 tcat tttggaaatg
<210>	14
<211>	
<212>	DNA
<213>	Artificial
<220>	
<223>	PCR primer
<400>	14 ctcc caatagctcg
caccc	ceee caacageeeg
<210>	15
<211>	20
<212>	DNA
<213>	Artificial
<220>	
<223>	PCR primer
<400> ctggct	15 tctg aaaacttacc
<210>	16
<211>	20
<212>	DNA

<213> Artificial

<220>	
<223>	PCR primer
<400>	16 cttg ggagaggaga
<210>	17
<211>	21
<212>	DNA
<213>	Artificial
<220>	
<223>	PCR primer
<400>	17 ttcc ttgggaaagt
- 73342	
<210>	18
<211>	20
<212>	DNA
<213>	Artificial
<220>	
<223>	PCR primer
<400>	18 cggc tgaaacggag
3 - 3	22 2 23.2
<210>	19
<211>	20
<212>	DNA
<213>	Artificial
<220>	
<223>	PCR primer
<400> aacgaa	19 gtat cttgagttac
. 3	

```
<210> 20
```

<211> 659158

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (123459)..(123478)

<223> n is unidentified a, c, g, or t

<220>

<221> misc_feature

<222> (602466)..(602485)

<223> n is unidentified a, c, g, or t

<220>

<221> misc_feature

<222> (546998)..(547017)

<223> n is unidentified a, c, g, or t

<220>

<221> misc_feature

<222> (494715)..(494814)

<223> n is unidentified a, c, g, or t

<220>

<221> misc_feature

<222> (390986)..(391005)

<223> n is unidentified a, c, g, or t

<220>

```
<221> misc_feature
```

- <222> (346860)..(346823)
- <223> n is unidentified a, c, g, or t

<220>

- <221> misc_feature
- <222> (317174)..(317193)
- <223> n is unidentified a, c, g, or t

<220>

- <221> misc_feature
- <222> (280353)..(280373)
- <223> n is unidentified a, c, g, or t

<220>

- <221> misc_feature
- <222> (271829)..(271848)
- <223> n is unidentified a, c, g, or t

<220>

- <221> misc_feature
- <222> (183872)..(183891)
- <223> n is unidentified a, c, g, or t

<220>

- <221> misc_feature
- <222> (170625)..(170645)
- <223> n is unidentified a, c, g, or t

<220>

- <221> misc_feature
- <222> (132680)..(132700)

<220>

<221> misc_feature

<223> n is a, c, g, or t

<400> 20 60 cttgatggag tcggttgggg ttttttgttt gtttgtttgt ttgtttctg gaaagttgat 120 aaacttaatg aggacatggc ttgcagcgtg gcaggcacaa cacctgatgc taaggtcctg actaattcat tgctcagagg tatttattcc agtaacagga gccaattcca cgtgcgcagt 180 240 tgtttacagc actgtgctat cacagaggcg catgcgcagt ttggagggaa gtgtccggtt 300 gctgtttcct tgctgtgtat tggctggggt aagcaccatg gctttcaggt ctgttaagag 360 tgacccaage geatgageat tggagaeage agtgeeegag etgtgteagt gttgaaacea 420 gactacaacg caggagaaag gactctgaag tcgacattcg ctctagctgt caagatgata aaaaaataag acaatagatg ttggtaaact gtcagctgaa gaagtagaaa tggccaccct 480 540 aaggagagaa tggaatggcc gtgagcatgg teetcaggca aaggaagtgg aacagttgac 600 caaaaaccaa gaagaggtag aagggaaatc tcagcaggag aaggagaggg aatggaaagg agaaatagac aaaatcgtgg attttataac tcccgagagg caccaattct gttagaagcc 660 720 gtcctggcct ttcactccgg aaaggttttc ttgttttttc ttttttaagt tgcccatcag 780 ggaattaggc cattaatact gaatcggatc cttgtctgtc cagttgggtg ctttattgta 840 atgatggaca tctttataaa catcttaatc ttaatacata actttttgga ataaaactta 900 gactgacaaa aacagaatag tgaacaaaag agaagaaggt tagcaataat tgacagtaat gtgaacctct tgcccaatgg gagcacttag gttctctctc ttttttttat tgcatcaaag 960 1020 aaagtaagtc tgatacaagc ttgtcagata taccaacttt gctcctaact ttaaaacact 1080 attagtettt tteaaattta taeegaacaa agetatttat ttgaeggaea agttgtatat tgacttatct gaacaagcta tttctattga aaaaaattat attgacttat aataaaagtt 1140 1200 ttacaagatc aagataagtt atgagcatga aagaacaagg cttgtaagta aaattaaata 1260 attaaaaagt gtttctgtga gtccagagtt gaccaatgtg gaactctaga aggccaaacg 1320 cagtcctgtg tgagtacttt agcaaattag actttaatgt attgaaaata tagattaatg 1380 tagttcctga attatgtctt tttttgtttg tttgtttgtt tttgttttt tttttcgaga 1440 cagggtttct ctgtgtagcc ctggctatcc tggaactcac tctgtagacc aggttggcct tgaactcaga aatccgtctg cctctgtctc ctgtgtgctg ggattaaagg cgtgcgccac 1500 1560 cacgcccggc tccgaattat gtctttcatg tgttgctgat tttgagtttt ctaaacaaat

agtaacccat	cacagtctta	cttcctctgt	atcttcctat	ctcttccatg	gctgagacaa	1620
aactattacc	ttcctcacta	cccttctatg	aaaaaccact	tacaggtttt	agtggccatt	1680
tacaattaca	tgtgagggat	gctactttaa	aagcagccct	aggaagagcc	ggagaggctg	1740
tgttgcctta	acctgcggaa	cacattctcg	acgaaaccgc	cagagggcac	tgtgacacag	1800
cattcagcct	gaaccgctta	ccctgtggtt	gtgactttga	aatgccagaa	tggcagagaa	1860
tttgaacatt	gctacttgag	aaagggtggt	ttgataatgt	cattgccgga	agtcgttcta	1920
ctcgtctatc	attaagtatt	tatacaacag	ctggttgtga	gaagatctgc	tttctagctg	1980
gccaactcaa	acatccttaa	gatcagtgct	acttgctaaa	tatcggccgt	gctacttata	2040
tttttctaat	gacattccca	actgtggatg	tttttcacta	tcatttttt	taattaagtt	2100
taggtagaaa	accttgactt	actcaaagat	aacattgtta	actgtttttg	tactttcata	2160
tataaaaata	aatcttttat	gtatatttaa	agacatcaga	tttctttttg	ttagaaaata	2220
tgttttttt	taaagatttt	tcttttaatg	tgtatggatg	ctttcgttgc	aggtgtgtct	2280
tagtaacatg	tgggtgtctg	gtgcccttgt	atctcctggg	actgtagtta	cagacagctg	2340
ggaactgact	gacatgtggt	gctgggaatt	gaactcaggt	cccctgggag	agcagccagt	2400
gctcttgact	actgagccat	ctctccagcc	cttgtacttt	ctttttgttt	ttaattttaa	2460
atggtgtgtg	ttgtttgtct	ctcgtctctc	cacatgtgtc	tgtctgtgta	tatgttgtct	2520
gtctgtctgt	ctctccgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	2580
tctgttgggg	actgatctca	gggctttctt	tatacatgtc	aggcaagcac	tgtgcctctg	2640
aattgcctcc	tcacaagggc	taagggtttt	gtgactcctt	cttttggtcc	cacaaactcc	2700
tgccttccta	agaagctaac	aactctagtc	ccagtcagca	gaggtaagag	aacccattag	2760
ttaagactct	tgatttccag	ggccaagaag	cccatccatc	cacagtagag	tccagcaatg	2820
ggagtctgtt	ggaggaggat	cacaggactg	taggaaagtg	aagctggacc	atggggagac	2880
gtcagctgag	gacttggttc	ctgccagtag	gcttgctttt	catcttttgt	ggttgttgtt	2940
gttgtaaaca	tttattcaat	gtatgaagag	ggtgttcaat	tctctcttc	taccacatgg	3000
gatctggata	ttgaacttgg	ccggcttgac	ggcaatctct	tatacctcct	gaagtgtttg	3060
gtagttcccc	gactcctggt	ctgtgtgtgt	atgtgtgtgt	gtgtgttcat	gcataccctg	3120
gtgtggtgtg	aaagacagaa	gacaaacttg	gggagttaag	tttcaaggcc	tgaactcagg	3180
tcatcaggct	tatacagcaa	gcacttttac	ccatcaacca	gttgacgtgc	ccattgttaa	3240
gctgcttgcc	tcctcctcct	cccctcccc	cttcctcctc	gttttcttgt	tgttgtcgtc	3300
gtcatcgtcc	tcgttgtttt	tgagatgagg	tctcatagct	ctagcaggcc	tagaacttac	3360
tgtgtaggcc	aggctggcct	ctgtttcccg	agtgctgagt	ttgaaggcat	gtgccaccat	3420
gcagggcggt	taggcatctt	ctagtgtggt	catttgatga	atgtctgtct	ctcctactaa	3480

3540 gctgtaacct tcacaactgg gattgatgac cttattaagt tatgtgtctt gcatggctcc tagtgctggc actgcctggc ctttttacca tccccacata gttttgtaaa agcaaactgc 3600 3660 cttggcatga aggattttaa gtaaggagtc cctgtgggac tcaggataga aatgtagcca 3720 cagaactcct gagactgaag gattttgaga cagtttattt gtgtgttttc ttgaacatag 3780 aaactgcagt tttaaagctg cttattagag tattttatat ctctcctcaa ctttacctgc ctgcagctaa tcacttagta acattaaagc tgaaaaaata ttcaaataca agacagcttc 3840 3900 catatgttct aggagacatc tttatcttta attccaacta tatttttatt tgtgtgtgtg 3960 aagtcagaag tgagcaccag attccctgga gctgcagtgc cagaaagcaa gccatgcagg 4020 4080 agttgaactt gggttctatg gaagagcagc aggtgctctt actgagcaat ctctccaacc 4140 ctaattataa atacttttaa gaaaagagct gggcagtgtt gacacaggcc tttagttcca 4200 gcatttggga gggagaggca ggtggatctc ttgagttcaa ggccagcctg gtctatagag 4260 caagccccag gaaacagaga aacattgtct caaaaacaac caaccaacca agaacagcca gcttgccagc agttattgct tatgttcttc atgaaagcca ttctgacttg gaccacatga 4320 4380 aatcacaatg taggaatatt tgtttgtttt tgagacagga tctctcatag tgtctgtcgg tctccacccc caagtgctgg gatgaaggtg ggggaccttg gtctggcccg tcttccccac 4440 4500 cgagccgtgg gggtggagca tgaatataca cattgggatg cttcagtgta ctttttgatt tgcattttct tgatggttaa gaatgccaaa cattttttca tgtgtttatt gcccccctt 4560 4620 taaaaatttg atcagtatct cttttgttca tctgcctacc agttggttgg attactcatt 4680 cttttactgt tctttatata ttctagatat tagctcctta tcagatgaat acgattcctt 4740 ttttcttatt ttgtagactg tggctttttc tattgatcgt tttcttttgc tgcgtggagg cattttaatc tagtgccgtt tatcagttct tcatcttatt tcctctgcta ttggggtctc 4800 attgagaggg ccgggccggt gaaattgctc agcgggttaa ggcacttaca gctcaaacct 4860 4920 ggcaaaccaa ctgtgcttcc cagaacccac atagaggtgg aaggagagaa tctattccac 4980 ggagagaget attgtetgeg etgetgtetg catgaceetg tttteeetet agtgatataa 5040 acticttataa tacaagticti tigtticticac tigattacta ggiggitetta tiataaagtig tttacttcct tgggatgaaa gcagtgtttc tatggcttgt aattcttaca cttgatccta 5100 5160 tccctaaaat cacaaaataa atggactcca tttcacaggc gacagctctt tagatactca 5220 aaagcatttg tcagatctca ttattattca ccccccccc attatccgta tggcatgttc tccaaacctc cccaattttg gttgcccctc cccctttgag ctatacattc attcatcctt 5280 5340 ttaatagcat ctctctgaga atgtgttacc cagaactgag cgcagttttc ttgctcagga 5400 tgctttcatt gtgctaatgg tgccagtaac acattaaggt ttttagtttt ttttgttttt

tgttttttt	aagtagtcgt	gccatccagc	aggttctcac	tgagtcataa	taccctaaga	5460
gggggtcaga	ataccaaaag	aggctctaaa	tttggatgat	tttttaatgc	aaatatactt	5520
tctgctcttc	ttgattcctc	gctgggaaga	gagaacattt	atttgcattg	ctaaccgcac	5580
tggtttttat	ttttgccgtg	taatgttagc	acacagctgt	cgatacccac	caaggaagaa	5640
ttttagcagg	ggatgacgca	tttagaaacc	tcattcttgc	taaagggtgg	atagggaagg	5700
acagattgga	ataggaacaa	gatggaatgt	cagagacacc	attacgtgac	gtagtgatga	5760
ggatgacagc	tgacaatggt	tggggttagg	aaaacagcag	aaaggatagg	aggagaggct	5820
ggatttcaga	gagacagaca	tagtcatgtg	agcaggactt	gaccactaat	ccgtacagga	5880
atgaacatga	gtgatgacgg	atgagacggg	gtgaggcata	cactcacaca	cacagttaca	5940
cactcacaca	ctcatgtaca	ctcacatact	cacaatcaca	tacacccaca	ctcacacatt	6000
catatacata	tacactcata	cacacactca	gttacacact	cacactcagt	tacacccact	6060
cacatacaat	acaatcacat	acactcacac	agttacacac	tcacacacac	acatacaatc	6120
acatatactc	acacacttac	acactcatat	atactcacac	acatccatac	aatcacatac	6180
actcacacaa	gttacacact	catacacata	tttacaatca	catacactca	cacacacagt	6240
tacacactca	tacatactca	cacaagttat	acaatcacat	acatacaatc	acatacaatc	6300
atatacactc	acgcacagtt	atacactcat	acaatcacat	aactcacagt	cacatacata	6360
ctcacatacc	cccatgcgca	cacacacaca	cacacacaca	cacacacaca	cacacacaca	6420
ccacagetet	tgacatccag	atgacccagc	tttggcagtg	aggcctgtgt	tttcctgttg	6480
ggtatatgat	cttacagcat	ctgggcaatg	tccttggggc	ctgtatgaaa	tgagacaccc	6540
aatgttcact	tcacgattca	cctagcatag	ttaagaatag	aattattgtg	ccaaccacaa	6600
gatgactaac	atccctctct	caggaaaaac	gatcactggc	tacagcttta	cccttgcttt	6660
ggtttgccct	ccttggagaa	ccaaggtttc	ttaggattct	cagtcatgaa	atacccctgc	6720
tctctgacta	tattcagtct	agagctatgc	ctgcttcctt	aaatgctgta	cactgtacca	6780
gcctaatccc	aaatgctgta	acagatttcc	tcacattctt	ctgagatacc	tcaaggttgc	6840
ccatgctgac	tgttcttttt	cattgtgttg	agtgataaac	tcatcttatt	tagctccaca	6900
tgtgttcctg	gtagtcagtg	gttgaagaat	atggacataa	ggattatttc	ctgctagtga	6960
gaaggctgta	tagaattatc	atctaggaat	aacagaataa	aagggtagct	catcatcaat	7020
gtagagctat	tgcttttctc	aaataaggtt	aatttgttta	cattgatatg	gattattgta	7080
tattgataca	ggtttaaggt	tgtcattggt	ataaatcttt	gtatgttgat	acaagccccc	7140
gattaaatgt	ctccttttat	aaggtgccta	agtcatgatg	tttcttcaga	gcaatcgagc	7200
agtaactgag	acattatgtt	agtaaccacg	tagggcaaat	gttccattct	gggggtcttg	7260
gtgaaaacaa	ttttagccag	cgtttagcta	tgttgagaag	atggctagtg	ggcatcgcag	7320

cccatcgtga	atttttgggt	taaatggaga	agcagtgcag	gggccagtct	tegteagaet	7380
ggactctagc	ctcagttctg	cttctgcaaa	ggtggcctga	gtgggtcctt	atcggtcgga	7440
ggatgatatc	atcgcagtgt	gatctttctg	tgagacgttg	ctattcttgg	gatggaaggt	7500
gggagaaggg	gtaggggaac	tttcaattac	cttgtcaggg	tgggagtcag	ggcagtccaa	7560
ggctgatagg	gagatgccca	gtcactaatg	cccctgctag	agcaggaggc	aatcatagtc	7620
agttgtgggt	aatctgatcc	atccccaatc	tccatatttt	tcagctcatt	tgtttctttt	7680
ctttttaaaa	tctggagata	agatgtagct	gtcccttgct	actttgtgac	ttctttctcc	7740
cactcttttc	tagccttctc	cacacttcca	accccctaac	actagaaaag	aaaggacagg	7800
aggaaatggg	acatgtcgtt	agacttccct	tgggacagtt	tgatctttgt	cactgttggg	7860
atatctaatt	tcttctttct	tctttgtgca	tgactacata	acaagccaca	accaacacca	7920
aaaattcaaa	aaaccaacaa	cccaccctgc	ctctcagggc	tctagcattt	atgtacccct	7980
gaaaagtccc	caggattcca	acacatacac	acttgcagaa	actatctgcc	tctgataaaa	8040
tcatgcccct	gctagaacac	gaggcaactc	atagtcagtt	gttgtgggta	atctgacaca	8100
tctccatttc	cacataacta	ggattaaaaa	aattttttc	ttataatatt	tctgtttttt	8160
tttttaaaga	aaccaaaatt	ccaaaattgt	tactacatag	ggtttctctg	tgtagtgctg	8220
gctgtcctag	agctagctct	atgaagcagc	tgtccttgaa	ctaaaagaga	tccacctgcc	8280
tctgtctcca	tagtgctggg	attaaagaca	tgcctcacca	ctgccgactc	tgtgtgtgtg	8340
tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgattcag	ttttaagatg	8400
aaggctgatt	caaaatgaat	gtcaaggccc	agatgccagg	ctaaccctct	gctcttagtt	8460
agtttgtggg	cccagggaag	aagtgatact	ttctagcaaa	cacagtctct	aagtaacagc	8520
ttccatgcca	atacactcac	caatagaggt	tgaggggttt	caaatgacaa	gggaagctgg	8580
gaagagccaa	gattgctgaa	gaagaaatag	aaaaagaaac	gagaaggctg	aaatcagagc	8640
ctcaagaaag	agcccatata	tttacaagac	agggaagatg	tcctagcagg	aggtgtctga	8700
ggactcagaa	taaaggtgat	ggccagaagt	tgaaggactg	agcttctaga	cgggagtggg	8760
gtgggagggg	ggggggatat	aggctggatg	gtttgagacc	caagtggaag	tcaggcaaga	8820
cgaggctccc	ctgcagctgt	ctggcatgtc	atcacttttg	cgcatccttt	catcctgctg	8880
cacgataagc	tgtggagaca	agctgccagc	cctagctctg	gaatctgcct	ttttgttaag	8940
gagtcctgct	tcttttcagg	ggaaaacagc	tcttagaaaa	gaggatcagc	ttccctattt	9000
tcttttaaag	aagaatcttc	cctgtttttt	ttttttttg	tttttttt	ttgtttgttt	9060
ttgtttttt	taagctgtga	ttatagctgg	gtgtaatgca	gcatgctatt	gatccccagc	9120
tcttgggagg	cagaggcagg	cagatetetg	tgagttcctg	gtctacatag	tggtctgcat	9180
agtgagttcc	aggacagcca	gacctgtctt	tttttttt	tttttttt	aaagcactgt	9240

ggtttatcca	atcagaaagg	taaggaaggg	gagaacgaaa	atgtatgaaa	atgtaagtaa	9300
cctagataaa	agtgagcaag	taagcaaggg	ctgggtatag	ggctcagtga	gtggagggct	9360
tgcctcaaaa	gcctggaggc	ctgagtttga	tgctgaacat	cacataagcc	aaatatggtg	9420
atctgggaag	aagaaggatc	agcagttcaa	ggccattctt	agctacatag	caagatcaaa	9480
gccagccacg	ttgtttggtc	ctgttatcgt	tgttgttgtc	atcgtcgtca	tcttcttctt	9540
cttcttcttc	ttcttcttct	tcttcttctt	ctccctcttc	ttctccctct	tcttctccct	9600
cttcttctcc	ctcttcttct	ccctcttctt	ctccctcttc	ttctccctct	tcttctccct	9660
ctccctctcc	tccttctccc	cctcctcccc	ctcccctct	ccaggtaaaa	cagagatcag	9720
actaagaggt	gaagctcagt	tttagtttac	tctctgagtc	tcagaggacc	aaagggaacc	9780
cccgaggcct	caggggcagg	gagagcttgt	tttttaaaga	atatagccac	ctgggaaaca	9840
tttgggcatc	tgcctgtgct	aaggatttac	cctggcctct	gagctctcct	aatgcaataa	9900
ctttattaat	aaaaacatct	gtgctgactt	tgatattgat	acatcaatgt	cgagtagcaa	9960
acttgaggtt	tgatgtgaac	atctctaatt	ctaaggaccc	agtttttcaa	ccttcattct	10020
tttaggaaag	gcccacttcc	cctgcatcca	tgtctagagg	atctctacct	cctagcatgg	10080
ttggttaggc	tgaagttgcc	acggcataca	gccgatccga	gcaaagtcca	gtgtctttt	10140
tttccccatt	agtttgttta	cttattcact	ttacatccta	atcacagccc	cccaactcct	10200
agccccccat	agcttcttcc	actaaccccc	tccccttatc	ctctgagaat	tagggagact	10260
cccctgggtg	ccaaccgacc	cacggtctaa	tgtcctaatg	ctgagcgtgt	aacctgggca	10320
atgagagccc	ttcttcaggt	ttttgaaaag	acagctgggc	cactgggctt	cttttctctc	10380
tgagacagac	gggggagata	ggtcagcaga	tttactcgcg	gtacaagtcc	tcagaagaaa	10440
gcaggtgtaa	cagaagcaga	tgaaaagaga	ttttggggct	agggagaggg	ctcagtgggt	10500
gaagtgcttg	tcacacaagg	atgaggacct	gaagtcaagt	ccccagaacc	aatgtaaaac	10560
tggactcaga	gccgggcgtg	gtggcgcacg	cctttaatcc	cagcactcgg	gaggcagagg	10620
caggtggatc	tctgagttcg	aggccagcct	ggtttacaaa	gtgagctcca	gggcagtcag	10680
ggctatacag	agaaaccctg	tctcgaaaaa	aaaaaaaaaa	aaacaaacaa	acaaacaaaa	10740
aaactggact	cagtaatcta	gtcatctcta	gcgctagcgc	tccttcagcc	agataggagg	10800
tgtggaccag	agaaaccctg	aagtccccga	cctgctatgc	agcagcagaa	aaagtcaaca	10860
aaggaccctg	gtctctaaga	tgtggaaggt	gagaaccaac	acccgaggct	gtcctctgac	10920
ccgcacacac	tgcacgctgc	tgcatgcaca	cgtgcgcacg	tgtgtgcgca	ggcgctctct	10980
ctctctctct	ctctctctct	cacacacaca	cacacacaca	cacacacaca	cacacacaca	11040
cactcacgca	cgcacgcacg	cactcatgca	ctcatgcacg	ctcgcacttg	agtgcgaaca	11100
cacacgcacg	agagagagag	agagagagag	agagagagag	agagagagag	agaagggtgg	11160

ggtgagagag	agagagaggt	ggggtgagag	aagattccag	atggcttctt	tttcttttt	11220
tgtctgtagg	tcaccaagtc	tccccaccgg	cactcccttt	tgcctaagct	ggtttgactc	11280
gggtttctgt	tacattttt	ctttccaaga	gagaaatctc	actcttgcgg	tggcttcttt	11340
taaggctggc	tttaatttac	acggtcaaaa	gctaattttg	tttttattgt	taaaagttaa	11400
cttaattttc	gtaagtgtcc	ccaacatctc	attcaaaatg	gcatagaaca	aagtgaccac	11460
aaatgacttg	cctttcgcct	agtaaaagca	gcagatgttc	aaaatgactc	gtgctttata	11520
tgtaatactg	ggctacatct	atccaaggca	ggccccaagc	atcctttatt	ttttatttat	11580
ttacttattt	ttatatagac	aactctagtc	taaagcagtg	gctgtggccc	cttaatatag	11640
ttcttcatgt	tgcagtgacc	cccccaacca	taagattatt	tttgttgtta	cttcataatt	11700
acagttttgt	tattgttatg	aatcataatg	taaatatctg	atatgcaggg	tatctggtat	11760
gtggaacccc	tgtgaaccac	tcaattgaca	cctgccccca	agggggtcag	aactaaaggg	11820
ctgaaaacca	cttgtttaaa	tcacggtttg	attccttatc	tccctacccc	tccgttcacg	11880
ttcacggcat	ttgaacactt	tcttctgtaa	acaagaaagg	catctctggt	aagagaaaga	11940
atgtgtttca	ccctttccat	tttttttct	ctgtttgtcc	tatataaagt	tccaagcgcc	12000
tcttcaagtt	cacgctttgt	ctaagcacga	ctgatctcca	caggtctgcc	tgtccctgtt	12060
gattttcctc	acgccaaact	ctttgggctg	aaaggaaacc	tgatctttgt	gtttacccag	12120
atacaccctg	ttttcaagga	cagctgtccg	agatgactaa	tagtctgggt	tcttagaaga	12180
gaaccccagg	tctgctgcac	tgtttatgac	aacagcgtag	tttttcttag	cctactcctt	12240
cttagagaac	aaacttcctg	cttcctcctg	gggaaatctc	cttccttaac	cagaagtttc	12300
ctaggtccct	gcaatactct	aaactcttac	atcaggagca	ggagtcatgg	cctggtctca	12360
aggacctcca	cacgtgtgtc	tctgcaggga	ccacatgact	taaactaatg	caatggcaac	12420
aggcaagttt	actatttctg	ctggctgtga	acttgaggat	ttgttagggc	tggcatttat	12480
gcagccattt	atggccacaa	ggggacaaat	gaccttcaca	agaacagaga	aaccaagtcc	12540
tgaatatttg	gctagaatat	tattattatt	taagaatgta	tttatttcat	ttatatgagt	12600
acactgtagc	tgtcttccta	tggggcatca	gatcccatta	cagatggttg	tgagccacca	12660
tgtggttgct	gggaattgaa	cccaggacct	gtagaagagc	aagcagtaag	tgttcttacc	12720
tctgagccat	cactccagcc	ctagaatatt	attattatta	tcattattat	tttgaaatac	12780
atttaaatgt	atctttgtgt	tacaaccaaa	agatccttag	ctgatgtcaa	aaagaccatg	12840
ggcaatcaat	tgcataagag	gaaaatttga	tatattgtgg	tttccttttt	gaaagaacaa	12900
gctcttagag	gcaaataaaa	acttgaaatc	ttttggacta	gccaaccagg	agtgatgtgc	12960
gtgccaaggt	gtccatctat	aaaagagagt	aatgtgtaag	aaacaaggct	ggagcttccc	13020
ccctcccccc	tatgtgtgcc	aaggtgtcca	tctataaaag	agagtaatgt	gtaagaaaca	13080

cggctggagc	cttccccctc	ctccctaaaa	atccaataag	ttgttgggat	ggcaacaatc	13140
tgagagattt	aacccagtcg	gctactacga	tctctatggc	aacaatccat	tacaatgaga	13200
cagctgtcct	gattagtgac	tctgagacac	caggaaaatc	ctctgaaaag	ctgtaatagg	13260
cctttccaga	ggagcagaac	cgatagcatg	tatatccaac	tgtaacggga	ttcattaggg	13320
tgctgacatg	accaagaggc	tcaacggtcc	caccatggcc	agcctttgaa	tgaatgaaac	13380
aactaatgaa	acacctctgt	aacgagccct	aaaagcctcc	agatgactgg	ttctcaacct	13440
gtgggtctcg	acccctttgg	agggtcacgc	actagatgtc	ctgcatatca	gatgcattta	13500
cattacgatt	cacagcagta	gcaagattac	ggttgtgaag	taggaatagg	agtaatttta	13560
tagttggggg	ggtcactaca	gcatgagggg	ctgtactgaa	ggggtaccac	attaggaagg	13620
ttgagaacca	ctgctctaga	cccttactgg	cgaggtctgt	gttcaaaggc	tgaggacgct	13680
ggagtcgcct	gtccaagtgg	ccacgcaaaa	ccacagctgg	ggagatgttc	aatcagtaaa	13740
gctcttgaca	tggaagaata	aggggagttt	gaacccatat	caaaaaggcc	aggtacggtg	13800
ttgggctttt	gtaatcccag	caataagaag	gaagagatga	gcagatctct	ggtgctcact	13860
gaacaagaca	gttctggcat	agattttgga	agtcttaggt	agtcatgaga	gaccctgtct	13920
caaacaaata	agcaaagttg	acacctactg	aggaggaaca	cacacactca	cacatagaca	13980
tacaagcaca	cgtgtgtagg	aggcatgaaa	gccatgtgct	cacagataag	cactagcgaa	14040
accaggaatg	ttaaacgagt	aggattatct	cttcaaagga	gagaatatat	aagctgtttt	14100
ctgcctagaa	ggctgggagg	gatgtggtta	ataacccgat	gaccttcatt	atctgtgtgg	14160
ggctgagacc	acaccagatc	cttccccaca	ccctatcatg	aacttgtttt	tcttagtcaa	14220
tctataaaac	ccatctttat	agaagatgtc	acatgtagtc	aatctataga	acccatcttc	14280
acagaagatg	ccatgtgtga	ttcacagact	tccaaggtag	tcatgcctta	agtcttattg	14340
ttcacatcgg	actgagttaa	tggtcaccaa	gaaattttt	tcactgaagt	gtgctatgct	14400
taaataccct	tgaaataaac	tactcaaggt	cagactctca	aagtttgaac	taacatgagc	14460
tactgagtcg	tgttgaacta	gacttctttc	ttgcctctgc	agatcaacac	tctcttggcc	14520
tttgtgtttg	cagaggacca	cccctgtacg	acatatatgt	gcacctgcac	gcgcgcgcgc	14580
gcgcgcgcgc	acacacacac	acacacacac	acacacacac	acacttcata	gcttcaagca	14640
gggtgcactg	tgcaagggag	agtatctccc	tccactttta	cctccactgt	gactgtctcc	14700
tcctcactcc	cagactcctg	gattgtcagg	gcaggggttc	cttcctcagt	tcagagccat	14760
cttccagact	actctgaaaa	cacctaggga	tacatccaaa	gctgggcttt	accacttttc	14820
tggtatctca	aaagccaatc	aaattaacca	ttgcatgaat	catctgaaaa	ttctatgcag	14880
gctcatagaa	ttttaggtct	gcaatgccac	taattagcta	cacagggaaa	tgtatgatca	14940
aagtaaagat	ttgaggaatt	ttttttttg	gttaaatttt	aaaataggta	tatgaaaaca	15000

gtggttttc	ttctctctct	ctctctttt	tttccttata	aaggcaaaca	tttaattggg	15060
actggtttac	agtttcagag	gttcagtcca	ttatcatcat	ggcaggaagc	acggggacat	15120
gcaggcagac	atggagctag	aaaacaagct	gaaagttcta	catcttgatc	tgaaggcagc	15180
caggaggaga	gtctctttga	caccagccag	acttgaaaaa	aaaaaaaaa	aaatatatat	15240
atatatatat	aacctaaaat	ccctaccact	gcagtgccac	actgcctcta	acaagggtac	15300
acctcctcca	ataaagccac	acatcttaat	agtgccactt	cctgtgggcc	aagcatatcc	15360
aaatcaccac	atgtaacctt	ccctcacacc	catctctttg	tggtgaaaaa	aactcaattc	15420
ttctcttttg	agccagatcc	tgcagtgcaa	acttgggaga	ttactgaggg	agaataaaaa	15480
attctagact	tctctgggtg	actcaatgag	cacaagtatt	gagataaaga	ctgaaaggag	15540
agttagggtg	tgtggcttaa	cggtagagtg	cttgattggt	atgtctgagg	cactgggttc	15600
agtccttaac	actacacaca	ctccttttct	gcttatgtct	tgaatataca	caatacattg	15660
tgcttaccta	ctgacaccct	atggtgtaat	aaaacactag	gatttctttc	tttcattcaa	15720
ctacaactcc	acagccatta	gtctttccta	tcctcccctc	ctcactaatg	gccccagcct	15780
tgggaagcaa	cagtggtttt	tcaatttgta	ccaatcctta	aggtcctgct	atataaggaa	15840
gttttaccag	tgcttaggtt	ttggcgatct	agtaaacttt	gggagaacaa	ataaattcca	15900
actcctcttt	tctaactgta	actccattgg	cagaaccaaa	agaaaaacat	gtcttagatt	15960
tcccaaagca	atcctcaagg	aatgagagac	atttttattc	agagtgtttg	ttaggaaggc	16020
tttgcagaag	aaaacaagga	acattttaag	gtagctcact	gtcatgtggg	ccctggcccc	16080
atccatttct	atgtaaatga	gtggatgccc	agggcagaat	tcattggtgt	gtgcccaatg	16140
ccaggcacaa	catctggcat	atgtaacagg	tgccccaccc	tttttgcacc	cccccatcc	16200
tttatgtgct	agttagggta	actgttgaga	taactgtcca	aatgagaacc	acttaacagg	16260
gtccttcaaa	tttcttagtt	atgttacagt	gtaactctgt	tcagcgaggg	gaacacatct	16320
gtgatccaca	cagtcattca	gggacacagg	ctccatccag	aaggtggctt	cctctttcct	16380
tggagctgtg	gactcctcta	ctgggtcctg	tgtatctgcc	tgggatgcaa	ggaagaaaga	16440
atatagagaa	caaagggtta	tgtgcttggg	gttctggcca	gccctctgta	ggcataatgg	16500
ttttgtgcac	tgtgtaaagg	ttatcctggt	gttattcaaa	tgctgatttc	tctgccctac	16560
tttcctgttt	caatccagat	gtggctttgt	tatgtttatt	cttagacgct	cctctctcaa	16620
gtttgtctaa	acgcagctcc	tcattcattc	tctgccttgt	cagtaaaagc	caacgagcca	16680
atacagagct	ttagagagaa	taaggtggga	cttccgattc	caggaggagt	ggagaaagag	16740
acaagaagag	aggtccagga	agcattggga	gaagtgagct	ggaaaaagaa	atgactaaaa	16800
aaaatatccc	aagtaagatg	ggaatattgt	ctgggggaaa	ttctgagtag	cttggaggtt	16860
tagaatggag	taataattgc	tcaatatttg	gctgaaggaa	ttttaataaa	tcttattctc	16920

tctgtgcggt	gatttggggg	aattagctgg	ctaaggaata	attgccactg	cactaatttt	16980
atgaatctat	attaatatgg	tgatcattta	gcagtcctcc	agtaggctcc	tatcccttcc	17040
tctcacaacc	cctagctcag	agcaaagttt	tatggcaaac	tacctctcca	actccaagag	17100
agctgcaagc	tgccatgtaa	cacctgcaga	gaaggggcaa	gttgtaaaca	cagggatgca	17160
gtggttgtag	tctgtgagtg	aaccctaact	tttttttctg	aaagggaaat	ggaatgcttt	17220
gtcaccacat	tataggactt	acgagaagta	gttgggcata	gaggcttatg	cctgtgacct	17280
ctgcacttcg	gggactgaag	ctccaggcca	tgaattgtga	gtaacttgga	agttcagctc	17340
cagtttcctt	ccctctttct	ggcggccttg	tagcatccga	cagttctgcc	caccagcgac	17400
cctatgctat	ccacatccac	agctgcgatc	ttggtgccct	gcccttggtg	aggtttctgc	17460
tgagatctgt	gcttgtgtca	gatctgcttc	tcatacagca	gcaaacaccg	agagagatgg	17520
ttccgagtct	cttgtcctca	tgcagaacct	atcttagttt	ctgagacctt	ctatagttta	17580
gaacagaaag	gtcctccaca	ggctcatgca	ttgaattctt	cagcttgtgt	tgtagaacag	17640
ctgttctcaa	ccttcctaat	gctgcgaccc	ttcaatacag	ttcctcatgt	tgtcattgat	17700
tctccacctc	ccaccataaa	attactttcc	ttgctactct	gtaatcgtaa	tcttgctact	17760
attacaaaca	aactgtaatg	taaatatatg	tgttttctta	tggttttagg	caacccctgt	17820
gaaagggttg	ttcaaacctc	aaagaagttg	agacccacag	ggtgaaaaac	actgctctag	17880
aaggtgatat	aaatttcagg	agatgggaac	tgttgggagg	tcactgggag	cacattcttt	17940
tctttaaaag	tcatctcttt	tattttttag	aggttataat	aatattattt	ccccactcc	18000
cttttctctt	tccaaactat	catgtatacc	cttccttact	ctctttcaaa	ctcatggcct	18060
tttttttt	tttttttt	atgattgggg	tgtgtgtgtg	ttttgtgtgt	gttcctaaat	18120
atacaaatat	aactgattta	ctctgtatgt	tacttgtata	tgtatctttg	cagggatggc	18180
catttggtaa	tagatcattt	aattttttt	tctttttaat	gatgtgcgtt	tctgtctgaa	18240
tgtatgtcat	atgagtgagt	ctgtggaggc	cttgtcatat	gtttgtggag	gccagcagag	18300
ggtgtcagat	gccctggagc	tgaagtgact	ggtggttgtc	agccaacaga	tgtaggtcct	18360
tggagctaac	tgctggtctt	ctagaagagc	aggaaatctt	tgtaattgtt	gagcgatctc	18420
tccagcccca	acagagaaca	ttactgaaga	gggcaacaga	accttgtgtc	ttctcttctt	18480
cctttcttcc	tttttatttc	cctgctgtaa	gggaagtggt	tttgctctgc	tgagaacccc	18540
ttccacaagc	cctcgagggt	gtggtgcctt	cccacaggca	tgaaacagtg	aggcaaaccc	18600
accatagatc	aagtcttcca	aaaccgggag	ccaaaagaac	ctctttcctg	ggctgaggag	18660
atggctcggt	ggttaaagtg	tttgctgtgc	aggcacaagg	aggtgagctc	cattcctggt	18720
acccatataa	aagctgggca	ccatgaggcc	tatcagtgcc	tccaggtctt	aggcagaccc	18780
caatggcttg	ctggccagtc	agtgcagttg	aaccagtgaa	ctccaggttc	agggagagaa	18840

cctgtttcaa	aaaaacaaag	tggaaagaag	acaccagatg	ttcagctctg	gcctctacat	18900
gtgtacacat	ggacatgtac	atgcacaggc	gagcaaacct	acataaacat	tgcatactac	18960
acgcaagcac	acacacacac	acacacacac	acacacacac	acacacacac	acacagagtt	19020
ggtttgttca	ggcattgtta	gagagatgga	aggcagacta	ataaacatat	atagtagaca	19080
tcttgctgaa	gactctactc	tttgttgtgg	tcaatctctt	ttatttatcc	agaaaggaac	19140
cttcgtgtgc	tctcattatg	ggttgatttc	tcccgaggtg	ggatgccgtc	atgaccaatc	19200
agttacattt	ggctttgtgg	aaagagaaaa	agtcaagttt	caagcttaat	acttcttgta	19260
tgaatcagac	cattgtgtaa	agagaattcc	tgctgaaccg	gcttctgatc	caaatgtgac	19320
agccgtccga	tgcagtcagc	aaacactcca	ccttgaatta	ggacaaggaa	ctgtttgttt	19380
ccttcaagaa	ccctgtactg	ataacgctga	caagattgac	acactgggtt	ccttggaaag	19440
tagaaatttt	tctgagaatt	gttccagaaa	aaaaaaaaaa	aagaaaaaaa	aaaaaaaaa	19500
aagaaacaag	aagataaaat	gctatgcacc	agaggcgggg	tagatggttc	tgtaggtaag	19560
agcagttgct	aagcaagcat	gagaatctga	gttcaaaccc	ccactactca	cctaaaaaac	19620
tgggcgtggc	cttgcaggtg	cctgcaaatc	ccagtgctgt	tgggagcaga	gctgggggag	19680
atattgctga	cacttgctgg	tttccagcat	agctctgagt	cagagggcct	gtctcagagg	19740
aacaaggcag	atcaagatca	tgccaagagc	aggacatctg	atgacctctg	gcctccactg	19800
ctcctcccc	acaacttaca	tacacacatg	cacacataca	aagggaaaaa	gcaacagtct	19860
gcaataaaat	ctccttccat	tttggaaagc	atcaccacaa	aggcctttca	ccatttgatt	19920
gatgagagtg	ggtgctcagg	attctgtttt	aataagcaag	gctgttcagg	gatacttcag	19980
ctgtgcattc	ccttccaaag	tccaggcgca	cacagtcttg	atgatgactg	atccaggggc	20040
tggagacatg	gctctgtgat	tccagacgtc	atgggtgagt	atctgtatcc	cagaacccac	20100
atagtgactc	acacacacat	ctgtacctcc	agtctgaggg	gatccaatgc	cattttctgg	20160
gctctggggg	cagtaggcac	acattcactc	aagcaggcaa	aatacccata	tgcgtagaat	20220
aaaataagac	atttaaaaga	tggctaatct	aacctaacag	aatttcacat	agccctcttt	20280
ttttttccag	tcagttggct	tcctagcttg	acgttatgac	aagcaagtaa	aggcatagat	20340
gttccttctt	tagctgtaaa	tgcacagatg	gcccctcttc	tttagctgtg	aatgtggttc	20400
tgataagaaa	caagagttaa	aggagccaac	attagtcttt	atcactcctc	agttactttg	20460
acgcgcctca	gaaaatgggc	ttgtttttaa	aattcagcaa	cggcttataa	gactaggatg	20520
cttgcctagc	tcttactcag	ggacacacga	cccttgaaga	gggagtcaaa	actgatggta	20580
tgcattagaa	aacctgccaa	agtaggtttt	aaggtcttga	gccctgttaa	tacagacagt	20640
gcggcgggat	gagagtggtg	cccatgggct	cctgtgtttc	gatgctgcat	tcccagttat	20700
ggagctttgg	ggaaggatta	ggttggcttt	gttaggggag	gtctgtcata	aggggagagg	20760

gagggacttg	gaggttgcct	gttatattaa	gaattaatta	ccgggctgga	gagatggctc	20820
agcggttaag	agcactgact	gctctctaga	aggtcctgag	ttcaaatccc	agcaaccaca	20880
tggtggctca	caaccatcca	aaatgagctc	tgacgccctc	ttctggcatg	tctgaagaca	20940
gctacagtgt	acttacatat	aataaataaa	ttaaaaaaaa	aaaagaaaga	aagaaaacgc	21000
ċgggcggtgg	tggcgcatgc	ctttaatccc	agcacttggg	aggcagaggc	aggcggattt	21060
ctgagttcca	ggctagcctg	gtctacaaag	tgagttccag	gacagccagg	gttatacagg	21120
gaaaccctgt	ctcgaaagac	caaaaaaaaa	aaaaaaaaa	aaaaaaaaa	aaagaattaa	21180
ttattcttaa	tataagtgta	atcgatgaat	taatctggta	gctgtatttg	tttaccttat	21240
gctagttcct	actaactgta	cagagaaatc	aagatttatt	taaaactgta	cctcagtagc	21300
tgagcaggaa	aagatgtacc	ttaaacttgt	gtgctaatct	ggctacttcc	cagccccatc	21360
ccagaatact	tgcatattat	tattgatctt	cagtcctgtt	cctcatggct	ccagttcctc	21420
tgttctacca	gttcatctga	atttccctct	cttctctttt	ttcctctggt	tggccaatgt	21480
cccaccctct	tctctattct	gttgagccat	tgggtgatca	gcatttcttg	aggaggcaaa	21540
gaataaatgg	tgagaactgt	ttacacaaac	ttgagacagg	agattcttgg	tataagcatc	21600
acaatgacat	gtcctgattg	aaacaggata	ctagggcaga	gaaatcaaca	tttgaataac	21660
ccaagggtaa	actttacaca	gagcacaaaa	catcacctga	catctgcagg	gggtggggtg	21720
ggggagggc	tctaagccac	ctcagcgcag	tttgaaatgt	gagttcccag	cattcttaaa	21780
ccttcactca	gccatcaggg	actcgaactt	caggatctgc	aaacaagtca	gctctttctt	21840
ttatagcttg	tctcagtcct	agtgttttag	cccagcagca	gaaaggtaac	caatacaggc	21900
agtaattcta	ttcttacacg	attattttaa	agagttagta	aaccgggcgt	gggggcgcac	21960
gcctttaatc	ccagcactca	ggaggcagag	gcaggcagat	ttctgaattc	gaggccagcc	22020
tggtctacag	ggctatctcg	aagaaccaaa	ataaataaat	aagtaaaata	gttagtaata	22080
aacacagaca	agggtctgta	gtagacagcc	cttgcttatc	acagtcccaa	gacccccagt	22140
gccatctgaa	gctgcagact	gtaccaagct	tgataccaac	tatacttgtt	cttcactatc	22200
catccctatg	atagcttaat	ttataagttg	ggcaaaataa	ggtattaact	aaaagaacta	22260
gtaacacata	gagtgagtgt	actaccctgt	aataaaagtt	atttcagact	tatgaattgg	22320
ttacttctag	aattttccat	ttaatgtttt	cggactatga	ctgattccat	ggaacaaacg	22380
cacagaaact	aaaaccatag	ataaaggggc	aactacagta	tatccaagga	aggtcattgc	22440
tatattattt	acatgatgga	gaaattggaa	atgaacttga	ttctttaaaa	aaaagggaga	22500
cagtctacca	taaaatattg	tgttaaatcc	aatgttggtg	aagatagtgt	aataatataa	22560
aaaagattcc	agtgaaaaac	atatctagaa	aagggcctgc	gattatagat	aaatatttgc	22620
cctgtgaata	catgaatgcg	tatcacttta	tttttattta	tttatttatt	tatttttgat	22680

ttttcgagac	agggcttcac	tgtgaagccc	tggctgtcct	gaaactcact	ctgtagacca	22740
ggctggcctc	gaactcagaa	attcacctgc	ctctgcctcc	cgagtgctgg	gattaaaggc	22800
gtgtgccacc	attcccatcg	agtatcactt	tataatcaga	aataattatt	ttaaatgatc	22860
tggagagatt	acatggcctc	accctcaacc	cctcctcggc	ttctctatgg	tctggttctt	22920
tccgaacatg	ttcaagggcc	agggtattcg	tctcttaggc	tttggtgatt	aaaaacttcc	22980
agcctgtgga	ccccttgaga	aagcctcttt	gcaggaagag	gggaacggta	aggagtatca	23040
taggagcgca	gaactttgat	ctgggaatca	tcagtgtcag	caagaagacc	atgaaacatt	23100
actggacaga	aagaaaaacc	tcctgcccaa	tgtgctttct	ctcttaatca	tgaaaatctc	23160
aaaacggagg	cgtttcccca	gccagaatca	ccagatgatt	ataatttggt	gattatacat	23220
tttcctagga	ctacagtaca	tcttctggca	atgttgagaa	agtgattgta	tcctgaccag	23280
gctggttgaa	gcatttcttt	cccctctaca	gcctgcccag	aggtagccca	gtatcccaac	23340
acaaagtctc	teetteetge	gaggccgggc	agacttctgc	aagcaggctg	taaaaggggc	23400
gggttcttac	ccccaccct	agcagccctg	tgacctgtgc	cttgctcact	ctacccctca	23460
gtactgtctt	tcctgaggca	ttggctctgc	caccataaga	aagccaccag	tgtctagaaa	23520
tcttggcatc	tgatggccag	aggttgggaa	acctcttctt	ggctctggat	cttattatta	23580
ttacttataa	tgaaaaaata	gccagagaaa	taaagattag	cattttttaa	aagtatccta	23640
ggtagagatg	acacttctgg	aattatacag	aggggaagag	gataaagaca	acatgaaatc	23700
ctgaacgtga	ccttgagtgt	agcttacaaa	ggacattctt	agtggtagcc	ggatacattt	23760
ctagtatcaa	gaaagggttt	tatacaaaga	accttttgtt	aataatagtt	attgaccatt	23820
tggagagaga	cagagacaga	gacagagaca	gagagcatgc	atgttttctg	agagggtggc	23880
ttaagggtct	ctaaaatttt	ataagcattt	ccttctttct	ctgttttgtt	aagcgcgaag	23940
ttagaaacat	ttctacctca	ttagcctcaa	ttcaaagact	catttgggac	acctgctact	24000
taagcccagt	tttctatttt	taagaccgca	atcttgggca	ttcttgaaaa	gcatctgctt	24060
gtttatttta	gttcattttt	aagaaagtag	ctcctggcca	atctgtactg	cagtgtctga	24120
agagatgtaa	cgaaactaga	tatagaagac	tgacatgtgt	tgtgtgtgtg	gtatgtggtg	24180
tatgtgtggt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	24240
gtaaaagggc	agtgggttga	aagccatatt	ctgaatcaag	ggcaacacct	gttaagtgga	24300
aactggttag	ctataaatag	agtgttaaac	aggtagatca	gaacacagta	atggaagcct	24360
agagtcatcc	ctacctctga	agcaaggaaa	cctgtgccac	actatgtagg	tcctccctgt	24420
cgcaggattt	tccttgtcca	atcatattag	ggcagcagga	ggcctgtgat	tggacaggga	24480
aaagagaggc	ggagctaaga	gttgcaaaga	cagagaatgt	ctcagcgaga	aagggaagcc	24540
tgagatagaa	gtggacagga	accagagtgg	ctttaaccgc	cacaggtagt	tctgatatca	24600

caaggtgaga ataattggga taaagctttc gtcattatca tttggctctg aaattattgt 24660 actggcatct tgtaaattga gaatttattg atacataaat ctgattggtt aattataagc 24720 24780 ttcacgagtt ttgcttctac ctggtaaatg ggtgttgtgg tggctgacca tggggtggac agttgtggtg tggggttggt gtgacagcaa aaggaactcg ggagctctgg cccccgccag 24840 24900 agagttggca ggtagagaca gagcccatgg gacggactgc catggggccg agaattgcca gcaaacttgt gggactgtgc tgggcccttt aaaaaaaaat atttcccgca gcacctccca 24960 25020 tactgtgaat gttgaagaaa gtgttaccat ttttggaaac ttcaagaaaa tgattcaatc 25080 acctgactgg gattcatgtg tgctcacaga gattggagag cttatatgag tctgaccgag gtcctctgca tgtgtgttat ggttgcatag cctggtgttc ttgtggaaat cctaacaaag 25140 25200 ggaacagggc tgtctctgag tcgtctgcct acttgtggga ctcttatcct cctaccggat 25260 ggcctcatcc atccttgatg tgagaacatg tgcctggtct tatcgtagct tgttatgcca 25320 tgtttggtgg atgcccctgc tcgtcctgct cttttctgag gggaggtgaa gggtgatgga 25380 tctagggaaa aggggaagtt gtggggagag cccgatagga ggggagggag gagaaactgc 25440 agttggaatg aaacatatca gagaagaata aataaaaatg aaaaaaaaga gtaaatgatt 25500 ccatttttgg atgtagaaca aaagcaagaa gacatggaat gattaataaa taggatacac taaacccaac tgcatactct caagcaaact tcccctgagc tggattccca gatatctggg 25560 25620 accactccaa agtcctcagc ccatcaatac atactttatg agaacacaca gaaacagtca atacattcaa atacacaaca aggggtgcct ataggagagt tagggccaag aaaggattaa 25680 25740 tgaaacactt ttttcactgt gtctgtgttc ccacataaat acctgaggca accaattcgt 25800 aaagaagtga ttttactttg gttcatagtt ttgaccttaa aaaatggttt ttacatttat 25860 ttacttcaat gtgtatgtac atacatgtgc catagtacac acatggatgt cagaggacaa ctttccagag ttcattctct tcctctacca catgggccct gggattctaa tatcagcctt 25920 ggcagcaaac gaggctgtat ctctccagcc ccagctcaca gttttgaagt ctcagaaact 25980 26040 gcaatcatgg cccctgtcc ctgggaccat ggtgagtcag tgcatcatgc aggaactgtg tgggccttgg ctaggcagca caagagaagg gagggagctt gggctccaca gacaccttca 26100 26160 agggtacacc cttaagattt gtaatattgc caattagaca ggatctagaa tcactctgag 26220 acaaatctct aggcacgttt gtgagggaac gtttgtgagg gatcatgtcg ataaggttag 26280 ctgaatgtgt tacatatata tgtatgtgta tatgtatatt tatatgaata tatgattggt tacatacata tgcaccgcaa aatttgtttt ctttttttgg gggggttcaa ctacattagt 26340 atttatttat ttttattggg tatttatttc atttacattt ccaatgctat cccaaaagtc 26400 26460 ctccacaccc tccccaccc acccactccc acttcttggc cctatcgttc ccctgtactg aggcatataa agtttgcacg actaatgggc ctctctttcc actgatggct gactaggcca 26520



ttttctgatt	catatgcagc	tagagacacg	agctccagcg	gcgtactgga	tagttcatat	26580
tgttgttcca	cctataggat	tacagatccc	tttagctcct	tgggtacttt	ctctagctcc	26640
tccacaaaat	tcattttcta	ttgaacactt	gcatcaccat	aaaatatttt	ttttttacct	26700
caagccactg	taagttagag	actctgtgta	tactaatgaa	aaggtagaac	ctaaatgtgg	26760
gcagcacaat	tccctaggct	ggtgtcttgc	attaaatgaa	ggaagctggc	cgaccaccag	26820
gattagtggc	tttctgcttg	ctggctgtgt	atctaatgga	actagctggt	tcaaactcct	26880
gcttcaatga	ctttgccacc	agggtgggca	gtgtcctcaa	acttctaagc	caaaacaaac	26940
ccttcttctc	ttaagttgtt	tcttgttgat	tttgtgacag	tggcccctgg	tgacctttaa	27000
gacctctcac	caggtcccaa	cagtactgca	ggccatggtt	cgccatggag	acttgggtag	27060
acagtcaaga	tccagtgaca	acactcccta	actccataat	gacactctac	aataacaacc	27120
taaaggaagc	accccaacaa	caatgaatag	actataacgt	gtgtgtgtgt	gtgtgtgtgt	27180
gtgtgtgtgt	gtgtgtgtaa	tgtgaaggct	cagtagtgag	ttgggtagga	acagtttcaa	27240
acagtgcatt	gaagctgctt	ccaattttcc	attattatag	agtccctaac	ttacaatggc	27300
ttgactgaaa	aaaaaaaaac	aacaaaacaa	acaaaaaaca	accaacttta	tgatagttca	27360
agtgctactg	ttcaatagac	actgcatttt	gaatcttgtt	gttcagatgg	tatgtaattc	27420
atcctgtatt	agcttgccac	tcccaactgt	tccaagaaaa	tatgtctgtt	tctatatcta	27480
tatctaaatg	tgtgtatgta	tgtatgcata	tatgtatatg	tatggtggga	tatatatgtg	27540
tgtgtgtgta	tacacacatc	ctactagttt	gatgcctctg	gaacattgtt	tactgagttg	27600
aaatgttaat	tggctatctg	atctctttct	ccacacatgc	atacacacac	acacacacac	27660
acacacatac	tttttgcccc	tctgtccctc	tgctataagc	atgagacctc	ctgagaagtt	27720
ctggcacata	ttccttgctt	tagggagtgt	ttctgattaa	ggacttgagc	aggttacaga	27780
tgttaaacgc	atacagccaa	gtattgagaa	tttgcctaat	gaacctactt	ctcctgttat	27840
cagtcaacaa	ctgaatgtag	agtttcttct	ctcttccttt	tttcccttct	tactttttct	27900
atctccaaga	aatggcagga	gccattctgc	gtgactgtga	tgcagtgggg	cgccatgctg	27960
acactgaggt	cacaacaggc	aagaaaattt	gctatcagtg	ttccttactg	gatgttgctg	28020
tgcaaactga	gtttaagctt	tcttggaaag	ggactcttca	gcgaaactag	aacagtattc	28080
ttaatttatt	acccaatgca	atcacatcct	ctagctgttg	taatgagggt	gacgtcaaag	28140
tcctcacaac	ctggggaatg	tcaatgacat	ttctaccttg	tggacacact	gtggaccatc	28200
tgctcaaata	acgactacct	tcgtgctaga	gagtctggtg	agctgagcac	tttataagtc	28260
accacgacct	gtgcagatgc	agctttgaag	gcgcccactt	tctataacgc	tcagacaccc	28320
cctcatccct	ttacaatgta	aacgggaagc	tgtagctttc	tttatgtgtc	gtaagcaagc	28380
atcacaaact	gggtaactta	gaaacataga	aacgtgtttt	ctcacagttc	cgccaaagac	28440

caagagactc gaaggcacca	gcaagactgg	gtcctttctc	aggttcagag	ggagaatcgg	28500
cttcctgcct ccctcagagc	ttctgatggc	tgctgtgaga	tgtgtgatcc	aggacttacg	28560
gagetttete etagaaattg	tagaaataaa	caccaagact	acagtatggg	ctcttaggca	28620
acattttatc tggaaggaaa	gcagagaaga	ggaaacagcc	acagtgattg	tgggaggtgg	28680
cggctgtctg tggagagaga	ccaggcaagc	tgcttggttg	ctggagtggt	ctgagggttt	28740
gttagtcatg agatgtttcc	tcgtggctta	aggggatttt	cctgtacaag	atacggatcc	28800
ctgttcagtt ggccctagaa	gacattctgg	ctttatcttg	aatcttttgt	gataagatag	28860
agcaccgggg gcaagcgtgt	ttaatacact	gttgtcatag	aggagggaaa	ctcttggtgg	28920
gcaacaggtt tcctggttta	aaggcataag	aatctatgtc	tgtcctccaa	cagaagtctc	28980
atttcaattt ctgtctcatt	tggtgcatca	tttcgcctac	atcttctccg	tgttttctct	29040
gcgtaccttc attcctcttt	tctcgtctcc	caccatccct	ttctcttgac	cctgtctttg	29100
gacatagggc cagacctaag	ccagcatgct	ctcatctttt	tttttttt	taagaattac	29160
ttatttattt ttaaaggttc	atttatttta	ttatgtatat	gagtaaactg	tagctgtctt	29220
cagacacacc agaagagggc	atcagattcc	actgcagatg	gttgtgagcc	accatgtggt	29280
tgctgagaat tgaactctgg	acctctggaa	gagcagtcag	tgctcttaac	cactgagcca	29340
tctctccagc ccgcatgctc	tcatcttgag	atcacccata	actaataaat	gatgtctcca	29400
aagattettt teeegaatta	agtcacattc	aggttcctgg	gactaaagcg	ggcaagtgaa	29460
ccaacccact acataaggct	tcatgatcgt	ccagctctat	attcccagtg	ggaagctgag	29520
gtggagtccc agtggtagca	cattgaatcc	tttgactgct	gttgtgtgga	gaactataac	29580
ccttccccca tgccctcccc	ccacaaactt	aatattttac	atctttagag	aggtgactag	29640
attaaatgaa gttactagga	gtagttccct	aatgcaattg	gactggtgtc	ttcatcagaa	29700
gaggaaatga ggtcagagga	aaagatggct	atctaaaagc	gaacagaagc	ctcaggcatc	29760
gttgctgacc ccaggtttcc	accctccaag	gccacgatga	tgcagattgc	tgtcgtgtta	29820
gtcactctgt ggcactttcg	tcacggcacc	ccgtcacggc	accccgtcac	ggcaccccgt	29880
cacggcaccc cgtcacggca	ccccatcaaa	tgaacgcacg	tgcttcaaac	ccactgtctg	29940
ccacagttcc acaaggcaga	ggcccatcct	gccaggcact	ttggggacag	ctaccacatt	30000
agaagagaag accctcaagt	aagatatcct	gtctcttact	aatgaatgtc	tcaatgatag	30060
ggcttgttat tctgtttttg	ggtgagggtg	ttaggtttca	gacccaggac	aaacagctga	30120
ggtgtgtatt ttaggtatga	aagtgtatct	agcctccagg	ttctcccaac	atccctcagt	30180
ccctacctgt tacagggcat	ggctggcatg	ccctgccctc	tgcccttaac	tttccaaccc	30240
aggggctgga cttcccctcc	cctgaaagct	cttcccgata	caatccagac	atcttggtct	30300
tttggtccct cctctctg	tctctgtctc	tgtctctgtc	tetgtetetg	tctctgtctc	30360

tecatettet etetecetge atgtataagt tetttetete tteeetteee eeettetgte 30420 tectteetea tggtgtette eetggeetea tteettggga eeagtgatee eacetaagag 30480 30540 caacttccca agaaacctgc ctttatatac tttaatctgg tttgaattgg ctcctttgat catcggagaa tacttacggg gtgggggtgg ggttggtatt ttgagacagg gtctctattg 30600 agetagettg gaactcactg tagactagge tggettggaa etcagagate cacetgeete 30660 agectecetg gtgetgggat caaagetgtg acceatgeet ggetteatet atggtettgt 30720 30780 tttgttttgt tttgttttgt ttttttgacc agcagtattg cttcctggtg atcatgacat cacagcactt ctcttcatca gtggattctt aggtgtagtg aaatggctta tgacatccta 30840 30900 gaaaacgatt ggttggtttc atgtaggtgt tggtccctga gttaattatg ggtgtgtgtg 30960 tgagagagag agtgttggct ggttttgtgt caccttgaca cagactagaa tcatctgaaa ttgagaaaat gtccccatga cattgagcta taggcaagcc agcaaggcat tttcttaact 31020 agtgattgat agaggagggt ccagcccatt gtgggcaggg ccacccctgg acttgtggtc 31080 ctgggttcta taaagcaagc tgagcaagcc atggggtaca agccagtaag cagcacccct 31140 ccatcaactc ctgcttccag gttcctgctc tatttgagtt cctttcctga ctttcttcag 31200 31260 ttacggatag gatgtggaag tgtaagccaa ataaatgctt atctccccaa ctagcttttg 31320 gccatagtgt tttaactgca ctagaaactc taagaagatg ggagacctac tgaatgagaa ctagagcggg gctctgtcgt cggtagtgtg tgtatgtgtg tacatcacgt gcacaaatgt 31380 31440 aaggaggcta gaagttgaca tcagctgtct tgttttgaga aagggtttct ctgttgtagct ctggttgtct tagaattcac catatagggg ctggagagat ggctcagcag ttaagaacac 31500 tgactgctct tccacaggtc ctgagttcaa ttcccagcaa ccatatgact cacaaccatc 31560 31620 tttaatggga tctgattccc tcttctggtg tgtctgaaga cagtgacagt gtagttgtat 31680 acataaaata aataaatctt aaaaaaaaaa aaagaactca ctgtgtagac caggctggcc 31740 tcaaactgat agaaatgtgt ctgcctctgc ttcctgagta ctggaatgaa aggtgtgtgc catcaccact tggctgacac tgggtgtttt tcttaattac taccttgatt tttgagacag 31800 31860 ggtctctcac caaacctgaa gtttatcagt tctgatagac ttggtggcca gcaagcccca 31920 gggacgctcc tgtctctacc tccccagttc tgatattagt aggtatgtgc tactatatct ggctttttaa atgtaggtgt tgggcattaa acccagttcc tcatagttat gtagcgaaca 31980 32040 ccactgacta aggaaacctc cctagcccct gtcatctgtg ttctaaaaaag ctctttagat tcagattcgg gttgacattt gacaaccact agagagagga gcaagctgtc cagagctgaa 32100 ctgtgatgcc acgtgcccca cagaagcaca tgtgtgtgtg tgttattaac gtgttgttaa 32160 32220 cgtgttccct ccagatgaac ctgcaggaag caatcagtga gcctggggtg gccatggagg ggccaaagac atatacttct gcaaagaaag ccaaggaaaa aaagaacttt gcttcatggc 32280

cgcctctctt	gcctgagtgt	cagctgtttg	acatctttcc	actcctccga	gcaacacaga	32340
agaacatggc	tctctcagaa	gacgaaccgg	gcatcctccc	aaaactgtca	caaaatggca	32400
catcctgcag	tatttactga	tcccctggga	aatgctaacc	agaaattggg	tttgcttctt	32460
gacttgtgtc	ttcacagttg	aaaaccttct	aaaatggacc	tgtcgctttg	ccacacacag	32520
accaggaaaa	ccctaagggg	caagaacttg	gaaagatttc	ggatctttat	gaagcactct	32580
gactcaaatt	ccgacttgat	ttctggagag	acgaaggctg	ggagtcactg	agttctcact	32640
gacctctgag	ctttgtgtgt	gatctcaggg	ggacatcgtt	tgtggcacat	cccagtgtgt	32700
acatctacgg	ctcatttccc	atttatagct	gacatgtgaa	cgtcagctac	tgggctggca	32760
gttgccggaa	gtgtggcaca	ttttaaaaaa	cacggagaca	cagctgctaa	agtcactgtt	32820
gtgtccctaa	aaactgaaat	ggagtgctca	atgcactgga	aggaagaaaa	catcatccta	32880
acagccatgg	cctctccagg	agcccccaga	tctctggttc	ttgttttgag	cattagctct	32940
ttccattagc	cagtgtaggc	agccctgact	ctatgattgg	gagaagcaac	acaaagtgaa	33000
aatagagatc	ttctgtgtga	aagttccttt	gaggtgggaa	cattgaagca	agtgagaggt	33060
ctttttgagt	gtggagcccc	gtgcttctga	aggagtctga	cccacgaaga	tagctcggtg	33120
tgtaggagct	gggatgaaat	tttacggacc	ctgatacctt	tcaagaaata	gctttatttt	33180
tcttcagaaa	ccctaagaat	aatcctttta	tatacttatt	ttctttccca	gatgtactgc	33240
ccagatgtga	ttgctacgat	gaaatactgg	agttataatg	aaataccgga	aacacactcc	33300
ttataaagga	aaagagattt	atttagcacc	cagttttgga	gctccaaggg	catggccctc	33360
tataatatgt	tctggtgagg	gtctttttgg	ctgtgtcaca	agactgcaga	tagtaatagt	33420
gagctgcatt	gctaaacaaa	gagttagaga	gagtaggacc	ccactctggc	tctttatcac	33480
aatcctcccc	agagaattaa	cttgcaagaa	atacttgtat	tcctttcgag	ggcatactac	33540
caatagacca	atggatctcc	catgaagcaa	tatctcttca	aggtctaccc	agcatcatca	33600
cactgggagt	caatatttca	attcatggac	ccttggtaga	caaaccagtt	cctaaccata	33660
atactatgaa	agagaaaaca	gcataataag	gaagcaggca	tatttgatat	gacctccatt	33720
agtcccaggg	ttttttttg	ttttgttttg	ttttgttttg	ttttgtttgt	ttgttttttg	33780
tttttcgaga	cagggtttct	ttgtatagac	ctggctgtcc	tggaactcac	tctgtagacc	33840
aggttggcct	cgaactcaga	aatctgcctg	cctctgcctc	ccgagtgctg	gtattaaagg	33900
cgtgtgccac	catgcccggc	tagccccagt	ttttatcccc	ttgaatataa	ctggtcctgg	33960
gaatggccct	cagcggtacc	ttctggagat	actgaagcat	gcttccccat	ccacgagtgc	34020
tggataggct	attaagactc	agtagtgggg	ctggagagat	ggcttagcag	ttaagagcac	34080
cggctgctct	tccagaggtt	ttgagttcaa	ttcccagcaa	ccacatggtg	gttcacaacc	34140
atctgcaatg	ggatccgatg	tcctcttctg	ttgtttatga	agagagcaac	agtgtactca	34200

tacaaaataa	aaataaaaat	aaaaataaaa	agttcattag	aagcactggg	ggtgcatatc	34260
tttaatttca	gcactcagga	ggcagaggca	ggcagatctc	tgtgagtttg	aggccagctt	34320
ggtctataaa	gtaagttcca	aggcagctag	ggctgtacat	agaaaccctg	tctagaaaaa	34380
cagacagaca	gacagacaga	caactcaata	gaatggcagt	ggacttgaca	gaaaccctcc	34440
cctcacgatg	tctgcctgag	cttcttgtgc	ttctgttcct	tactgtgaga	atgtcctgtg	34500
tcgctgcagg	ttcaaggaaa	actggagaaa	taaacccaga	gtagactcaa	ccccgaaggg	34560
gaacccagaa	tagagctctc	cctgccgacc	tgcagatctc	agcgggggaa	aaggtgatac	34620
cgttgtgagc	cactgagcca	tttctcacac	agcgtgctca	aaatagaaac	ccggtggaga	34680
aggtatcctt	cccaggcaga	ggctgagaaa	tgagaagaga	tgttagaaaa	aggccaatta	34740
atgctaagta	tcgatggtcg	gtccccatgt	tcaaatccag	ccaacagtta	ttaaataagt	34800
tcaccactaa	gcttcctaat	tagaatccaa	actggaatct	agtctgctgt	gtctcaaagt	34860
cctttccgca	atgggcagag	aactttggag	cctgcgtttg	ttaagctatg	actgtatgtt	34920
agtgtctggg	taaaacactg	tcttatgttt	tatttcaaac	agtcctttcc	ataattctgt	34980
gctttcattt	cctaacagta	tccccacttt	tcgtcatagg	aacggaaacc	cagagtgggt	35040
aagtaactgt	cagaagcagt	agaggctgat	gacaccccag	gctcacactg	aaaagccaca	35100
ccttttggcc	cagtttgtaa	aatgcttgcc	ctacaagcat	aagggcctgc	tctcatcaaa	35160
agccatgtgt	ggggttgtat	ctaaaatcca	attgccaggg	aggcagaggc	agggggatct	35220
ctggagcatt	ctagctaact	cctcttgaca	aaacaaagtt	ccagacccag	tgagaggccc	35280
tgtcttaaaa	aaaaaaagc	tgaacagagg	aagcagatgt	ctgatactga	cctctgacct	35340
cacaggcaca	cataactgta	caggatatta	cacacatgaa	agaaagacga	gtataggatg	35400
agaaggaaga	ggaaggcagg	caaatgggag	gggcatagct	tacccctgaa	cttgaccaca	35460
gcgacttctg	atcttggtca	tcagcttaaa	aatatccatg	tgacccggtg	agctggcttg	35520
gcaggaggga	cacttgctgc	tgagtctgac	aacctgagtg	agtttggtct	ttgggatgcg	35580
tgtggtggaa	agagagaacc	aactccttca	agttgtcttc	tgacctccac	atccttgtaa	35640
gtgtacatgc	aagcctgtga	attacattat	tattacaatt	ctgtgtatat	taattaacac	35700
tgaaaattaa	tacagtggca	attattcctt	aaccagtttc	cccccaaat	aaccacacaa	35760
aaacctttta	atatttcaaa	gctttaggcc	ttagctgggc	agactctttt	tttttttt	35820
tttttttt	tggtttttca	agatagagtt	tctctgtgta	tccttggctg	tcctggaact	35880
cactttgtag	accaggctgg	ccttgaactc	agaaatctgc	ctacctctgc	ctcccaagtg	35940
ctgagactaa	aggcgtgcac	ccccactgcc	cagctagctg	ggcagactct	taactcgctc	36000
atctaagtta	acctgcccat	ctagccccat	ccagtcaagt	gcctagctat	accttccagg	36060
cccatagtaa	cttttatctt	ctctcatgtc	tcctgatgaa	gaggttttc	tctttcttct	36120

ctatcccagg a	agtcacacc	atccacttcc	tgcccagcta	attggccatg	agatttttt	36180
tttattatta t	taaagtcaa	tcaaagaatg	ccttacatag	gtgaggaaca	acagagacac	36240
aattttatac a	agtgtatctc	cacaatgccc	ccatcccact	caaaataaat	aactgagcaa	36300
atgttaaaac c	cacacacaca	cacacacaca	cacacacaca	cacaccacac	atacacacac	36360
acacccacca c	cacatacaca	cacaccacac	acacacatac	acacaatgtt	aaaccacaca	36420
cacaccacac c	cacacataca	caccacacac	acacacccac	acacacacac	acaatggtag	36480
ctaaccccag g	gatactttat	ttagttataa	atataataag	tcatgtactg	tatagtttct	36540
ttttttaaaa g	gtaatttcca	gggttttcct	tggagaaaca	gtaggcaaac	ctgtatttta	36600
gtgagatgca c	cctgatattt	gggtgatgtt	aggcatggta	gttacaggca	gaaaggacag	36660
tcccaagcat t	tacaactgg	aatggacgta	ttcccagctg	ctgaggaaga	tgccttgtct	36720
ctgccctgtc a	acctggctc	atgggaatga	agaaccgttt	tccccatgga	ctctagtcag	36780
tcacgtagcc a	atcctctgga	gagtctcccc	cacccacccc	aaaaagacag	aaaagaaaga	36840
aggacagatt c	ctcagatagc	tcaggctagt	cttcaacaag	atatatagct	gaggataacc	36900
ttgaattgat a	attcctactg	cctcctctt	ctaaattctg	agattacaga	catgtgccac	36960
tgtaccctct g	gagttgatct	tctgacctag	aatttatgat	gtaagggtac	gaaagggaaa	37020
ctccccatgg g	gaaacagagt	agtgccccag	agtccacaca	gacatctttc	cccaatcact	37080
ggagcctgag a	agtcacatgg	caaaggggca	tagagctgtc	aatcaactga	ccttaaagcg	37140
aggagaatgt g	ggccaggtg	gtggcagcac	atgcctttaa	tcccagcact	caggaggcag	37200
aagatgagtt t	gaggetage	ctggtctaca	gagtgaggac	agccaggact	agacagagaa	37260
atcctgtgtc a	aaaaaaaaa	aaaaaaaaa	aaaaaaaag	aaaaaaaag	aaaaaaagt	37320
gctactttaa g	gcttaagaca	gctttgaagg	gaggctctat	agccaaggaa	ttcgggaagc	37380
ttctaaaagc t	aaagaggta	aagggaagac	actccacact	agcacagacc	tgttgacctt	37440
tcaagctagc c	ctagtgaggt	cctgtttgga	cttctgagtt	ccagaactgt	aagattccaa	37500
atctgtgttg t	tttgagtca	ctgattggtt	ggaatttatg	atagtgacca	ctaacaaact	37560
ccaacactcc c	ctaaaagaaa	atggtggtgc	tttttccaga	aggaaggggg	tgctgggtgg	37620
ggaaatgcca g	gagtctgtaa	actagactct	gggcatcttg	ttaggtattt	gctgtgggga	37680
gaagaaatct g	gcgttcagtc	tcatctatag	tcctgtgtat	cgggtcctca	gggctcactg	37740
tgcccttcag c	caagagcaga	aaagcctgca	tgtactgccc	agcccggaca	cctgcttcct	37800
teecteactg o	etgttcacca	ccaacaagtt	actcaatctt	cgtaggcttc	gggaagatga	37860
tgatactcat c	cagatgggtt	ttatgaagat	taaagatgaa	tacattaaaa	aaaaaaaact	37920
tggccgcact g	gctggcacat	agggtacact	taagctacta	agtaattctt	gggacattag	37980
gtaatatagt a	ataattctgc	cttggtgcca	cgactgcttg	ggtatgaaag	ttacctttgc	38040

cacttggaat	gtctgtgtga	gcagtgatta	atgatctctt	aggccgtttc	attcttatgc	38100
gaaacgcaat	gctacgggta	ttacctcatc	gagaggtgag	gaggagtggg	gtcagcatgt	38160
ttaactcagc	agctactgtt	tgatgtatat	gatccatgcc	atccccacca	tcagctgtcc	38220
acctttgtcc	aagttgccct	ccctccctcc	ctctggatgg	ttgatacgta	agcaaagcat	38280
cccaggaggg	tggcatctca	caggatcacc	aagaccttct	catgtgggag	gaaccatggt	38340
tgccacaccg	taggggagca	atattatctt	tcttccaatc	aggaagcaag	acacggcagt	38400
cctctggcaa	gctgcgtact	tagcacacga	gaaacgaggg	cagtaggaaa	ttcagtgtcc	38460
aacgcacacc	tcactctgtg	ggacagggat	ccctacagac	tgcagggtct	tgctttcctc	38520
tcccctgcag	tctgcaggag	tgtagggttg	acctgttgtt	gttttcacac	ttgataacaa	38580
ggtgagagaa	cattaggtta	aggagcctgg	ggttttcctg	ttgagagtaa	tcctttcagc	38640
aataccaaga	actctcactt	gagagataac	aacaggacct	atgacaggcc	atctgtaaac	38700
aatcgtttga	tggcgatagc	tgatttaatc	agaacgttct	gcttctcccc	cacgtgaacc	38760
cgcacagaga	gcgcgccaat	ccagctgcaa	gaaaatattt	gtttaacttt	gccacattta	38820
tttactcgtt	gggactgttt	aacttgattg	gacggagcag	ttggaaagag	cgaaaatacc	38880
ccaggccttc	tatgtctctg	ataacctggc	gacatctgcc	tctcagcctg	tttgtgttgt	38940
gtttctcaag	tcctttgccc	tcatcctcct	agtcagagat	ttggcctctt	tctgcaccag	39000
gctttgggga	caggagggta	gaatctgtcc	ctgcctagcc	ttgcaaatga	ttttaaaata	39060
tgatgcttac	cctacaaagt	ctattgagag	atgtgtctgt	gcaaggcatt	gtctgtgaag	39120
tgctatgtat	cataggaaaa	catgggttaa	gtcataggaa	atccccagtg	tcattaagac	39180
ccacactaga	cgcacaaata	cttacagggc	acatagaaac	tccaggaggt	ctgtagctag	39240
gctctcagga	aggttttgaa	gaggtgttat	attgaggaca	ggctccaggg	tgggggtggg	39300
gtttaaagtc	tgtgagtgag	ctttggcaag	atggctccgt	aggtaaaagt	gcttctgcta	39360
agactgatga	ctgagttgga	tcccggaatc	catgtggtgg	aaggagagca	ctaacttgtc	39420
ctctggcccc	cacatgggca	ccagggtact	tgagtgtaca	gcccatgtcc	cctacagaaa	39480
gaaagtcaat	gtaatttaaa	aaaaaaaaa	actatttaag	gtgagagcag	aggaagagct	39540
caatgaagag	gtggctgtag	ctgcagctgg	tttttctgag	ttggggagga	ttaaaaatat	39600
agacagccct	tcagctcaca	tcagctgatt	caaccaaccg	aagcttaaaa	gcactcagaa	39660
ccaaactgcc	cctgcgcaga	acacatcaca	cacttttaca	aataattgtt	tttaaaggtt	39720
ttgtttttgt	ttttacaagt	atgtgttagg	acctaggtaa	actattaagg	cctaaatgaa	39780
ataataaggc	ctgggtaagt	gttaaggcct	aggtgactga	tacctgaata	acctgccatt	39840
gtaaggaaac	tttcccacat	gtttctgctg	ttactaggaa	actctaatgc	caagatggtc	39900
ttcacactct	gttatgtact	gtgctcttga	aaaccaatca	cgacagaagt	cagtagaact	39960

40020 gttttgtata gttacctaca aataagcttg gacccgacca accacccagg agcccttcct 40080 gcacctatgt ataagctgcc cctgggaagg accccaacat aagagagaca cctgtaccag 40140 aagaagaaac gttttggaat aagacttcca ttttgagtag tggtctaagt tcccaagttt 40200 aagttcccaa gacctccctg ggaactgaca tcctatttgg cagaaagaga tgtgtacatg ggtaactgac atcctggttg gcaagttcag acatgaatgt tagacaagtt ccatcctgac 40260 agacaagtta gaacatgaat attagacaag gcaagtcccc tgccacagtt gaatatccca 40320 gtcagtggga gcgggattaa tgcacaacta agacatgttc ctaaggaaac ccctatccct 40380 40440 aaatgctgat tggtggaata acttggcaca gatgtttgtg gaatttgggc ttaaaaaaacc 40500 ctgtaagatc tggaccatgg ccccggttga ccagtcctgg ggtgtatgct caattaacta 40560 tccctgtgtg actgagatca tagtcacgtg gtttgtgagg cggttcctgg accctaacat 40620 atgtattaat catatacagc agtggtgcca ttatgatctt tgcatgcata aagacgcaat gtcttttttt tttttttt tggggggttt ttggtttttc gagacagggt ttctctgtat 40680 agccctggct gtcctggagc tcactttgta gaccaggctg gcctcgaact cagaaatccg 40740 cctgcctctg cctcccgagg acgcaagtct tttaatcatg gtcgtcctct tgtctttctc 40800 40860 ccttgctttc aatgtctttt tctttatttt ttatgaccca gtgagttcct gttagggtgt tgtaggagtg ggggtgggag tcatttacag ggctgtgtgc atctcacagg tgactacatc 40920 40980 actgaagaaa atgcttctcc ctccctcatg actctcacaa cctatgatag acttcgaact 41040 aaaacggatg ccagcaggtt caatcttgta acatcttgtg ctgatgacca tagctgctgt 41100 gagttcaaca gtgtaacagc caagttgtgt ccagaggtca gtggcttccc atttcctcag 41160 gttctgacat tcttcccgtc ccttcttctg tgatagtccc tgagtcttgg aaggggtggt 41220 atagatgtcc cactcacggt tgtacagtca atggtcgttt accctcatta ctttgactta tgagtcttga gggcacggct gatgactgca aagagaagca tccatgtagc tggtgtctga 41280 gtctcatgat ctgagttcca tcaccgtcta cctgaggagg aggtggatgg aaaaaactga 41340 41400 caactcaagc ttgcttttgt gacatccaca catctactgt agttcctaga tggacagaca gacatacaca catacacaga gacagagaca cacagacata cagacacaca cacagacaca 41460 41520 cacatacaaa catacacaaa gagagacaga gacacagaga gtcagagaga cagagaaaga 41580 gagagagaaa tatgaaaaag ttctgtttcc tggtccctag ggaagaaagg ggctgcaggc 41640 tacgtacgtt caatgactgt tctagtttgg gaatcttaag caactcccca aggccatatg ttgacttggt cccaagactg aagcattatc aggttgtaga aacttttaga agttgggcct 41700 41760 actgggagga agttaattca ttagtgaatg tgccttcaaa ggtgatatca acaacccgac 41820 acctctcctt tctttactct ctggttgtca ccaggtgagg agttttcctt tgtcacacag 41880 tcaccatggc tcacagactg agggctctga aactgtgatt atcaaggtca ttattgctac

tattttgtta	caacaacaga	aagctaacac	aatgaccggt	gatcaatcat	gtcttttaat	41940
		ggcgacaggg				42000
		atcacaaacc				42060
		ctaccccacc				42120
		taagcctttt				42180
		tccccatcaa				42240
		aaatggccag				42300
		ttctctaact				42360
		agaaattgcc				42420
		agggataact				42480
		atcttctcat				42540
						42600
		tcagctttcc				42660
		ataaaattat				
		gtaaacatct				42720
ggaagcgcct	ttcaacctcc	aaaggagtct	tgacccatag	gttgagaatt	gctgacacag	42780
gggcttcctg	taaggggacc	cccttctttg	gatgccctca	actggctgtg	catttgtata	42840
ctgtataacg	aaccgcacag	tgttaagtca	aaattgcacg	tcactgtggg	ccaggctccc	42900
gagacccact	gaagttcact	aagttcatta	gccaaaacga	aattggtgtc	tgactttcca	42960
agaaatcagg	agaaagataa	cagctggatt	tccccagagg	cagcttcagt	tggcaggata	43020
acagtgccct	ttctgcctta	atcctttgtc	caaactaggt	aacctggagt	gacccaacat	43080
taaacatata	tttttctatt	cttgcatctt	ccagcttgat	gcctttacca	ggagagcagc	43140
ccgacacaac	aaagtcacct	tctgtccttt	attttttgct	tactttagat	cccttaacct	43200
atagaacagt	ggttctcaac	ctgggggttg	catccccttt	gggggtcaaa	tattcctttt	43260
acaggggtct	cctaagacca	tcagaaaaca	aagctattta	cattacagtt	cattactgta	43320
tcaaaagtat	agttatgaag	tagcaataaa	aataatttta	gggttgggga	cggtcaccac	43380
aacatgagga	actatgttaa	agggtcacag	cattaggaag	gttgagaacc	attgctatag	43440
caccaagccc	ctctactgag	cctactaaaa	tactttggaa	tgaagtgttg	cctgcctcta	43500
gaataaaaaa	aaatattaac	ctcctggggg	tttcactcag	tcagtgattg	tccggaatgc	43560
acagaacact	ggatttgatt	tttagcactt	cataaaactg	gccatgtgca	cctgtgatcc	43620
cagtgtggag	agaaagaggt	agaaggactg	gacagtcaag	gtattcctgt	caaggttaca	43680
ggtacaacct	acttttgtcg	gtttgctgaa	tggtggtgtt	gtcaagctgc	cttctaaata	43740
tttctattta	tactcataga	tttatatttc	tctcaacttt	agtcaggaag	actccttgtt	43800

43860 cccattggtc aagagaggct tgtgattggt caaagtactg agaataatgt ctgtgtgtgc 43920 tcatcctcag aggagggatc cttatcgatg cctctcaaaa ggttaagaga gcatcgcaga ggagaggtg gagagaacgt gaaggctgga ggactgaaag gtgtgctgtc ttctggacaa 43980 44040 gtcatggcca ttggctgctg aactcatgag ctcacacagt ggttacctgc gaggcgagat 44100 cccagctcgg acagggaagg gactgcaatg ctattggctg ctgctgactg ctggaataga 44160 gtgagtcagt ttgctttggg aatgtggtga ctagaatgcc cgtgttcagt ggagggcccc accccatgca cgtatgggca acagtagttg gactctgtgg gtgtcttaga cttgctgtcc 44220 taggactcac tttgtagacc aggctggcct ccaactcaca gagatccacc tgcctctgcc 44280 44340 tcccgaggac ggggattaaa ggtatatgcc atcaccgcct gactgagaaa ggagtcctag 44400 ttaaggaatt gttcaggtcc gatcagcctg ttgtggatat tgaaggattg tcttccttgt taattgatgt tgaaggttcc agccaactgt gggcagtacc attccctgag cgggtggtca 44460 tgggttgtga ggttatggga aagctagcta agtgtgaagc tgggaggggg ctctcaggtt 44520 44580 gcatgcctcc acggtttctg ctctactcct tgactgtgaa tgaggtgatg atgtgttgag tagcaagtag gtctgccttc aagaccctgc cctgacttct gtcagtggtg gactgtgtgc 44640 44700 tggaagggta acccaacaac tcctttcatc ctctaagtca cttttggtca gtgttttatc 44760 aacgcagcag caaggaaaca aggacagcgc atcatagaag ggaaaggagg tggagaggga 44820 ggagaaggag ggaggggcc ttgtacatta cattgtaagg tacatggaga agcaggctca 44880 gcagtgggcc tgtgctcctt ggtccatttc tgctagatgc tgtgggtgtc cagacagaaa 44940 ttttgctgtc tgtctgtctg tctatctatc tatcttctat ctatcatcta tcatatctat 45000 45060 tatcatttat catttaccta ttacttgcta ttcatttgtt tacataaact taataaattc tttcattcaa aaccagaaat ataatcatca taggtcattc tctggactct ttggagacat 45120 45180 ttttgttttg ttttgttttt tgtcttttga gttctaagta tggttggagg agggagaata 45240 ggggatagat ataatcaaaa tgtattgtgt acatgtatga aattctcaag gaataagttt 45300 tttttttaat tttttaatga aagtgeetea tteagttggg tgtagtggea cataetttta 45360 atcccagcac ttgggaggag gaggcaggtg gatctctgtg agttcaaggc cagcctggtc 45420 tatataatga gttccttgat agtcagaact acatagtgag accatatttt tcgggggggg 45480 ggaaaccaac aacaaccaat caaccaacta accaaaccga gagagagaga gagagaggga 45540 gagagagaga gagagagaga gagagagaga gagagagaga gagagagaat gaatccagcg agacctgtcc agattcttct tggcatctct ttatgatctt cttccctttt gtgtatggaa 45600 45660 agagatettt etagaaggaa ettatgatet accaccatae agagtagtee agagaattee tttatggtca ggtcacagaa ggtgaaggac tctgaatgat atagggttca tggatacctt 45720

tgggaggaag tatttacagt	ttttatagag	agagggagag	ggagagggag	agggagagga	45780
agaggaagag ggaggtgtgt	gtgtgtgtgg	tggggggaga	acaaagcaca	tactaaatgc	45840
tgggaaaggg tcagcattaa	taatgatgaa	tttctcatag	ctacctttgt	tcaggatatt	45900
gtgtccatta cttctcctaa	gctctctacc	actccagttg	gagaagaaac	tcggaagggt	45960
gctggaggga gggacaagca	gttacacaca	aaaggcgaag	cagaaggagc	tacggaagga	46020
tgcctacacg ggccttaaca	catctaaaag	ccagaccccc	caaatggggg	ctggaacgag	46080
gatgttagtg aatgaagtga	atacatagaa	ccattaatcc	catacttgcc	tgcaagttga	46140
ggctctagac tgtaaaaggc	atacaattgt	ctctatagca	gtggttctca	atctatgggt	46200
tgagacccct ttggaagatc	aactaagacc	actgaaaaac	acagatgttt	acattaagat	46260
tcataacaat agcaaaatta	cagttatgaa	gtagcaataa	aaataattgt	ataagtaggg	46320
gtcaccacaa catggggaac	tgtattaaag	ggttgcggca	ctaggaaggc	tgagaaccta	46380
gggaatagga agctcctttc	aggagtaact	agaagaatgt	cactttccct	tcaacatcta	46440
gaccagggtg taaggcccag	gagcacggga	ccacaggaca	gctggctaca	aagggctgtc	46500
tggttttgat gatgctatct	acaaggcagg	gttacatggt	tttctgctcc	ttgggggcca	46560
tctatcctgt ccaatataga	aagtggccac	tgctctctag	ctccatgtca	ggaaggccag	46620
gccttgaggg agaacaggcc	tgagttttgc	atggatcccc	actgtggaat	ccccttggca	46680
tttaaagata ctaataacag	ctgggcaggg	ttggtgcaca	cctttaatct	tagtgctcag	46740
gaggcagagg caggcagatc	tctgagttcg	aggccagcct	gatctacaga	gtgagttcta	46800
ggacagccag ggctacacag	agaaccctgt	ctcaaaaaac	aacaacaaaa	cagacaaaat	46860
aaacaacaga aagatgttga	tacctgggtc	acaccctagg	gactctggct	gaattaattc	46920
aggatagtgt agacattcca	ctgtggcatc	caaggttaga	accagtgttg	tcttgttcac	46980
ctatgttttc cgaggaccct	aggctagatt	gcagatgtat	agggatggtt	actattaggg	47040
gcatttccca ttatttggtg	gctgatccct	tgctagtcaa	gtcttcagaa	ttcccagggt	47100
ggtgacgagg gccaatcact	agaacaaggt	gaggttggct	tgtggaatca	catccttctc	47160
tctgggagga tctccaggtc	agcctgagag	gaacaagact	tgtgagagga	ttctgggatt	47220
gtgttccagt gctgttccca	ggtggaaatt	agcctctgta	cggggctggt	accctcttga	47280
tcacggcatt tcaaacagga	acactgagtt	tttttttt	tttccagcac	tgtattccca	47340
gtcttaaggc ccacgtgggc	ccaagttcat	gaacatttgc	cttccccgcc	ctctgttctc	47400
tgccaggccg agctgctatt	ccaggtacaa	cctcagatca	attctgcaaa	tattatcgga	47460
aatctattct ctgacaagcg	ccgtactagg	aacccggagg	tatgtgataa	ttgttttgtt	47520
tatcaacagt gttcttggaa	tgttaagact	gaacaagtta	tegettetee	aaagttcagg	47580
tgcttggcct ataaaatgtg	atctgtgtgg	acagacttca	gtgccagtga	atcaaaaccc	47640

ttagaacagt ggctcttagc cttagaccac aacccctcta gacgtcaaac aaccctttca 47700 taggggtccc atatcataaa tcctgcacat cagatgttta cattatgatt cataacagta 47760 gcacaattac agttatgaag tagcaatgga aataatttta tggttggggg gtcagcacaa 47820 47880 catgatgaac tgtactagag ggctgcagca ttgggaaggt tgagaaccac tggagtagaa ggatgcctgg cctgtattaa gtacctaata aatatcagcc aatgttgttt ttaagatcgt 47940 tgttgactac catgtgagca tttgtgttca cttgttgttc actactcccc ggtggaggga 48000 48060 cttggtggga aggcagaacc ctgaagatga cattaagggc cttgtaaagc agaccaaggg ggagtgtttg cccctagtgt tgtgtggtgt aacaactaga aggtgctgcc tttgaagtag 48120 agaagcagaa aggtgaacag gagagagag gacacacaga gctgaggtca tgcaggctgt 48180 48240 gaaaccgact atggattggt ctctgaccca gtgatgccac ttccaggttc atgggcaagt aagtccacaa aaagacttgt ttatgaatgc tcataacttc tcttgtaata gctaagcact 48300 48360 aaaaacaaat atatgttaac caatagcatc cataaacaaa ctatatggca tcccaaccat 48420 tcagtaacgc tacggtaagc cataaacgat tctaacaatc agaatgctaa aatagaagct 48480 gtatatgaca tatagaagac tgtatactat attattacac ctagacaaca ttttgtgtaa gacagatttc tggaaaatgg agtatgtgta tcactaggcc aaagaataag aaactgtcag 48540 48600 gtgttttgtt gttagacagc ttacgtaggg tgtgtgtgat tgcttcactg gtgtttggca gaattcaccc atggaatctt ttgaacttgc ttcagtacaa acagggctat acaaactgtc 48660 cattlcttct tgagtaagct ctgggaactg tgcattltac tatttgtggt ggtcttttgc 48720 48780 aggttgttgt cttagaatca tcttccagtt tcccagctgc tacagtgatc atctttttt 48840 ttttaaagat ttatttatta ttatatgtaa gtacactgta gctgtcttca gatataccag 48900 aagagggcat cagatetegt taeggatggt tatgageeac catgtggttg etgggatttg 48960 aactctggac cttcggaaga gcagtcaggt gctcttaccc actgagccat ctcaccagcc 49020 ccgtgatcat ctttttaaat taacctttta tgctattttg tagtgtgtgt gtgtgcgtgt gtgtgtgtgt gtgtgtgt tgtgtgcatg cacacatttt gtatatgtgt gcaaatgttt 49080 49140 49200 gagtgtgtgc acatgcatga ggaatggagg ttgaagtcaa gtttcctgct cagttgctct ccatcttact ttgtgagaca tggtctctca ctattatggt ttgaataaga atggtcccca 49260 49320 tagactcagg tacttgaata cttggttgta gagatgttta gtggggtaaa acagccttgt 49380 tggaagaaat atgtcattgg ggacagtttt gagggttcat agcttcatcc gtacattttt 49440 gctttctact ttgtgtttac agttgaagct atgatttctt agcttcctgt tttggtcttc tgataccatt teteeteete tgggaetgta geecetacat aaactettee ttetttaagt 49500 tatggtgttt tggtcacagc aacagagaag taaccaatac gctcactgct cctgaagctt 49560

49620 agcagtttgg cctgcctgca tggccaacac attccaggga cccttctttc tctgtgcttc 49680 accgettgee ceagtgeagg ggteataeae gtacgetgtg gtgettttet etgegtgetg 49740 ggatccaaac tcagcttctc ctgcttgcat ggcaagaacc gtccaactga gccacttccc 49800 cgatccatac agcagcatta ttcttgtcaa gtctgcagct ggaaatcaac agagcacaat 49860 acaactaacc cagttgacaa taaggatgtg gcagggcaaa gcttgggagc tctggcatgg 49920 tcgaaggcat tgtaggctgt gggcttaaaag cattacattg aggctgacaa gtaatgcccg 49980 atgactttga cagacaaatt tgcctatctt aagcatgagc ttttaaatgg gagtgggaaa gagagaaaag cttgttcaaa ggaaatagca attaaagatg ttcccagcaa gttgggaaaa 50040 50100 gctaaaggaa aaggcagaat ttgtgaccac gatgtctaga gagctatttg taaagattta 50160 cagagececa acgaagecaa aaagagagtg ttgaateece aagagetgga geeceaggta 50220 50280 attgtgagcc atcttataca ggtcctagga gccaaactct aaagagatct gtgtgttgag 50340 tgtatgtttc acaagaaaca tactttcatg tttgttttag aatttttggc atatggatac tcacgtactt gttgtctggg agtatattaa aacaaaacag aaaagatttg acttttccca 50400 50460 agaatattcc tagtaatttc tggggaagcc aggtgttgtg gcttaggcct gtattctcaa 50520 cattctggac gttggcagag gttgatttag tttgtttgct ttttagaatt ccacgactaa gccaggaatt gtgtttgttg tttattgata ctcatttctt ttgcctgcct cgattaccat 50580 50640 accattgcag caaccagacc tacagtgtga gagcctgtct cagaaaacaa acagaaaaac 50700 aaacaaacaa acatcttttg gagaggctga agagatggct catgggttaa gagcacttgc tgctcttgca gaagacctgg gttcagttct gagcacctac ctggtggctc acatccatct 50760 50820 gttactccag ttccagagca tctgatccct ccgggcacca gggaccctta gtattcatat 50880 atatgcatgc agacaaacac tcatacatgt aaaataaatg gctttaaagc cctttgaact 50940 tgcacttata attattgaaa tgacctctat taaaaagtaa ctttctctcc caacttctct 51000 cccatgtaaa atgctacctt tgtacacact acatcactgt tctaaaacaa atctgcttgc 51060 agctacagaa ctgcctaatt aatggacttt agcttagttt tgcttaccgg tgaagtaggt 51120 tggtttttca acagtcatca aagggtggtt acaaaaacag gtatctagat gacagtgtag 51180 tggtggagag agatggcaac cattatataa aggtagatgg atgttcttgg accacctttc tttatggtga gacaggaatg ttataacttt accatgctaa ctaagatatc agagaagact 51240 51300 gtattcatat gccatcatcc ggctttctct tggagaaggc atacactgct ttccttgtgg tgtgtgtgga gctagctgca gcttgtgggg cctgcttttt tggctctgcc acatgttgac 51360 51420 agctaaagtt agtctcaccc acgattggct gatctggttc ggttgcttct cagaatccca 51480 tgactaagcc aggaatagca ttttgctgtt tattgatacg catttctttt gcctgtctcg

attaccacac	catcgcggca	gactttggtc	tttgtgaacc	tgtctggaaa	gtcaaatata	51540
tctagaggcc	tagggctaat	gacaccatca	actggaggtt	atggaacaga	agttggaggt	51600
aactcaaatg	agaagaaaac	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	51660
gtgtgtacaa	acttacatgt	gtgctagtac	acatgagtag	aggccaacct	ctggtttgat	51720
tccttgtaca	ctgtcaatct	ggttattttt	gagacagggt	tggtctctca	ttggcacaga	51780
actcatcaag	taggtttgtc	tgggttgcca	gtgaacccca	agaactcccc	tgtgaagtgg	51840
aaacttaagg	gttctttgga	gagtcagttg	tgttggatgg	tgttttgctg	ggacaaacac	51900
gtgaaggagt	ctttgggggc	acatgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	51960
gtgtgtgtgt	caaactcagg	ctcttgtgct	tacaaggcaa	acattttact	gaatgaacca	52020
tccctccagc	ctgagaagaa	agcttaatag	cacactcaac	ctgaccccct	ttttcataac	52080
acttaacgag	aaagcgaaag	tgtagaggaa	gtctacagag	atggctcagt	acataaaacc	52140
cttgctggac	aagatggcga	gccggtttgg	tccctggaac	tcacataaat	aaatgtggaa	52200
ggagagagct	gactcctctg	aactccacac	gtgcaccatg	gcacgtgcac	tggtgttcca	52260
aacagcagca	gcaacagcag	cggcagcata	ctagtatcta	ccaagggtct	tgatcagggt	52320
cccctcttct	gtgatgttag	ctgagatctt	ccaaagtggt	cggaacgata	cttcccaagt	52380
gtctacaaag	cttctctttg	tgttctccca	cgaggtctca	ccccttttgg	aattatcctt	52440
agactgaggc	cctctcactt	acactgtgac	ctatttaagg	ggtgaaccca	aaagtccagg	52500
acgttgaaag	aactcacgtg	ggtttgagga	tcaggtgatc	ttttgctctt	tacccgattc	52560
tacatgtagt	gggggggtca	gactcacaag	ggatcaagga	aaaacttcac	gagagccagg	52620
ctcctttgag	tcacaggccc	aagagtggag	tgaatcacaa	gagtaagcca	agaggcacat	52680
caaagtgtaa	gatgaagagt	taaagggatg	gaagccagaa	ggaagataag	aaaaaggttt	52740
ccatttcctg	acttaaggat	gcactccatc	tattttggtt	gttcttttt	ctcatctgaa	52800
gtgggggcct	actatgtcgg	gggggggct	gtttaaagta	ctaggggtat	agcaatgggg	52860
acacagacca	agtgtctact	catattctcg	tggggggaaa	aagacaaaca	taagaaacga	52920
acagctattg	tcatgccaag	tatcagcaaa	ggcataggta	aaaagtgaag	ccagaaagaa	52980
agaagcaatc	tccaacagga	cccaagcgag	aaagcttttc	tgaccaaagg	tctgagctca	53040
gtgaacgcct	tatgggaagg	tgaagaaagg	acaatggcct	caaggcaaga	tggccatatt	53100
gaggaaaaag	gtgacacaag	gttagaacac	cttggggaag	aacaaaggac	ataaaacctg	53160
gcactggcaa	caatcatcac	cttcccagaa	ctgattgtgg	ctgatgcacc	tttgacagtg	53220
cagttcaagc	gtgtcaattc	ccaactgaag	gcaacctctg	tttctcagaa	gtacttttag	53280
agtcattccg	ctcagccctt	gtaatctgtg	ctctcaccag	aggctaacag	gcctggggag	53340
tcacagtgaa	ccttgaggag	actttaaaaa	tagggtctcc	taaggtagcc	ctagttcacc	53400

tggagctcac tatgtagagc aggctggctt cacactttgg tggattgtct tgcctctgtt ttctgagggc tgggatcaaa ggtacagaga agaataaagt aagccagctg tgagaatcca 53520 53580 gtctcttaaa cacagagaat ttcacttcta ctgacaaata cgctccctcc cactactcct 53640 gatacaacca gtcttttaaa atgtctttga aattacatgt atgtatgtat gtatgtatgt 53700 cgtgtgtgca gtggtacaaa cctgccaaag gatgtcagag aacatccgtt tgggagtttg 53760 tactctctcc actgtgtggg actcaaggat agaactcagt tgtcaggttc catggtaagt 53820 acctgcagcc actgagctgt ctcactggct tgattttttt tttttttt ttgagacggt 53880 gtttctctgt atagctctgg ctgtcctgga actcactttg tagaccaggc tagcctcaaa 53940 54000 ctcagaaatc cacctgcctc tctggcttga tatttaaaac tttggggctt tctcctattt 54060 ccccactatc aatagtgagt tatttctcca ccgtaagata aaaccacaag tgttacaaaa 54120 ggcaactcct gtccatgctg gagaggtccc aagatgggtg aggactgtgg ccaatgggag ggccatgtgc tggccaaaga agctagccac tactctatgt ctgctgatcc tgttttgtgg 54180 54240 gagtgggacc tcacatcggc agatcatata cttgggcaaa agaggggatt aatctggata taccaggggc ataaaatcta tagagtttta atctctttct gcttttgaat gccggcacac 54300 caaccaatca accaacctga ggaagccaac ccataggcaa gtggtttgtg gtctctatag 54360 54420 ttacaagaat ctctgagaga cttgatttca atagcattaa caacatccat ccatcaacat 54480 ccacttttgt gggaaaatcc actatgttct taggtctcag aagtctggag gatgggttcc 54540 acctgaccta cttctcctga ttccacaacc ctgatctagg gcactgattt tagtggcatc 54600 ctcctcctt cctccctaac aagtcctctg ttgtggggat ggcacaagta ggatattatg 54660 aatggagtat gctattaaga agcgcatggt agaaagtgtg agatgccttg gcatagaaga tgactcctgt ctgcatcttc tcaggactct acactccttc ccctaaatct ctcacactta 54720 54780 ggccaaccac agcataggaa tgcctcacct gcagttacag aaacccaaat caaaccaggc caaggaagag taaatttatc agttcccata cccaagacat acagcgtcat acaggttgga 54840 attccaacac acggggtcct ttgtccctcc agcccctgtt gccttccttc tttgatgtgg 54900 54960 ctaaaaacaa gttgacccac ctggttatca ttgctgtttc tcctgaagca tttatactca aagacaagga totagttgoo taaaggggtt gtgacactag acaaggcott gtgtoccagg 55020 55080 gcatgagtca ctcctgtgaa taagccaggc ttacatatgc tctagaaaag agaacagtcc 55140 cagcgtcaga gagagctgaa gatacactgc atgctggctg tacaaatgtg agacgtggaa cctttgaaga agagggccag aggataatta aatacgtgat ttctgtctac atgtacgcca 55200 55260 gactcatate agatttagtt gecaaagate atceattgtt cacceaactt etgtaagetg 55320 gtagaagett gecaacteea gtaetagegt actgteattg cagaacaaac atatecagtt

55380 ggtacacttt gattgggtgt tcaagcccag gacactcctc aatgcaggca atgaaagcag 55440 ctctctagtt ctgtgggcaa cactcctgtg ccctcgcagg gtagaaccat agtagggatt 55500 tgccatagtc agtatgtcat ccaactgaac agacatgttc ttaggcatcc agtaatagaa 55560 ttatatccct ctttgaccct ctataagttt tatttatttg tttaaaaaatt ctattcttta 55620 ggtgtgaggt gttttgtctg gatgtatgtt tctgcattgt gttcatgcct actcccctca 55680 gaagccagaa ggtggcactt ggtcccctga aactggggtt acaaatggtt gtaagccacc 55740 atgtgggtgc tgagaattga agccaggtcc tctggaagag cagccagtgc tcttaaacac 55800 tgacctatgt ctctagctgt aacaccctgt aaattttaaa gttgaaccag aactccctgg 55860 55920 tgtgtgtgtg tgtgtgtgtg tgatcatttc attccatgta cgtgaaagta agacaagctt 55980 ctccatactg agcacaacca aactetetga gagtagaagg gcaagtgaaa taccagccag 56040 tccttagaaa gaatgcacta agtgccaaag ctcttttcat ggattatttt aattgtcaga 56100 tatcttgtgg ggcaacatat ctgttcagtg ggcaccaggc acaacatccc cgtaatatag 56160 gttctatcac cgtctctcta acttgccaaa ggtaacatat ataaaaaaatt gacagtttac 56220 acctgggaag tgcaatcata aagccttgat gattcattca ttcattcatt cattcattca ttcattcatt cttacttaca ctccttaatc agtgatgtcc agtgcctcct acatgttaag 56280 56340 gatggttctt ggtgtgcaag cagcagccac atttgtgagc aatggaagga agagtacacg 56400 atgctcacat tctagaagaa aagaaatagt gtgagttcca caggtacacg aaattttatt 56460 taagttggtg tggcagctta cacctttcat gcctgtgttt gggaagccga ggcaggagga 56520 ttcccttgag tatgtggcca gtttgggcta ctgagtgaaa ccttgatcca aaaggccctt 56580 tgtcccccca aataaaacat caaaacagtg aatagcgtta gtgcctagaa gagggttgtg cgtgtgtgtg tttgtgtgtt gtgtgtgtgt gtaagattct aaattgggtg tcgagtcttg 56640 56700 ctaagaaggc aacattaaat aaagatctaa gggggactgg cgagatggct tagcaggtaa 56760 gagcactgac tgcttttctg aagatcctga gttcaaatcc cagcaaccac atggtggctc 56820 atgagatetg acaccetett ttggtgegte tgaagteage tacagtgtae ttatgtaata 56880 ataagaaata aatctttgag ccggagcaag cagggactga gcgagcagag gtcctaaaat 56940 tcaattccca acaaccacat gaaggctcac aaccatctga acagccatag tgtactcaca 57000 tacataaata aataaatttt ggaaaaaaaa aaagatgtaa ggaatgtact caggagtaaa 57060 ccataaagat gtctgaatga acacaagtcg tggaacagac aattggacca gaagcagcag 57120 cagaagagca ttttaggaaa ggcaaggagt ccagaatgcc tgagactgag gctgactggg 57180 gcaagagtgg gctatgagta taaataggcc tgggactcaa gggtgtagga aacaagatcc gaaaggtaag tgggaatgga tcctgaaaga ccctgcaagt ggcagggctt cgtctttat 57240

ttggctgcaa	tgtagtcatt	tgggttgggc	cagaagaaaa	caacccagtt	tccacacgtg	57300
aactcttgct	tctctgtcga	ggagaggctg	caaaggggcg	aggaagccat	ggaagagaca	57360
cagcagtgac	cggggcagag	gttaggctag	tttgtcccgg	tgtgcactag	atgtgtggca	57420
agcacttcaa	gtctaagatt	gttgtgaaac	ctcgagtgga	aggattggtc	gacgggtgtg	57480
tatgggagca	attggtcgtg	tgatgccctg	agccttttag	ccctagcgac	tgaactggga	57540
tccctggcag	gagaggcagg	gcaggtgcag	aggaacagca	tgcttttgtt	ctaagtggga	57600
ggggttatca	gggctcagtt	cagggatgtt	taattagaaa	tacctattag	gcgtctccaa	57660
aggtgatgct	gagagctcag	gagaggggtc	cttcaatgcc	gaagttcaag	gtcaacaaga	57720
tacgctctac	ttcagggcaa	ctgaagacat	tgattcacac	atgactttgg	caaaatgatg	57780
attatcaaac	acacaaacca	aaaccaaaat	aaataaataa	ataaacaaat	aaataaaccc	57840
acacacaaaa	aaactagatt	aagaatgtca	gatttaaaaa	tccaccccta	ttctgctacc	57900
ctcaaatact	tgatttgctt	tctctatatt	ccctcctggt	tttgcccact	ggtacacata	57960
attgcacaat	gccgttctac	cctatttgct	tgccaggaac	tcatagacat	ttcctaagtg	58020
gctcctacag	tgctcaaaga	ggatttgaaa	ggctgacaaa	atgtagggca	tggaataggc	58080
tagaaagaaa	agttgaaaaa	tcctaaatag	cttggtgacc	tacggtaagc	tgtgtgccta	58140
ccgtaatctt	tgtggccagt	gactccttgt	ttaggagact	gaactttgag	atgaatgagg	58200
gcaagccacc	ttgcactcag	tcagggagag	attctagaaa	aagagggtct	gtgcaaaggc	58260
ccaggaggga	gaaaaaaaca	aacaaacaac	aacaaaaaaa	aacacatgct	atggtttgaa	58320
tggaaaaata	tcccatgaag	gcttatgtat	ttgagtcact	tcttagctgg	tagcactcac	58380
ttttgaaggc	tgtaaagcct	tcaatctgtg	ggtcctaccc	ctttggcaaa	ccttgatctc	58440
caaagttaca	taagcacagg	cacacacttc	cacttcctct	gaggttttct	accaagaaag	58500
gatcaaccat	tcataaaatg	ttggtcctag	tgaaccctgc	acattgtaga	ggcttaaaaa	58560
gtttaatttg	ggcctccaac	tcactacaca	ggaactccag	cgggatccgc	ctgtccgttc	58620
atgctaacct	ttcaccgaca	tcttgttttt	aagtttacag	aaaacgttag	ggacctaaag	58680
aaggtcatta	cattacagta	cattacagta	caacagaagt	tacaaagtag	caatgagggg	58740
cttggggatt	tagctcagtg	ctagagcgct	tgcctagcaa	gtgcaagacc	ctaggttcgg	58800
tcctcagctc	tgaaaaatca	aaacaaaaca	aaacaaagta	gcaatgataa	taattttatg	58860
gttgaggggt	caccatgata	tgaggaactg	tattaaacgg	tcgctgcatt	agggaggatg	58920
aggaccactg	tggggctcag	ctgaaggaag	tgagttgctg	gtgtagggca	ccggagtgct	58980
agatgtaaac	cggtttcctg	tetecettet	aaggctgact	gcaccactaa	ttcctgcctc	59040
ccgtggaggg	tgctttccag	gctccaagcc	ttcctgccat	gttggaatgt	gtcctgtgaa	59100
ccatgaaccg	agatcaatct	ttcctccctt	ccatcacctc	tgccaggtgg	tttggtcata	59160

gtactcagta	gagtaaggag	gctggaagat	ttactacacc	tgacaaagaa	aaattaatct	59220
gtatgatctc	aaaaaaaaaa	aaaaaaaaa	caccaccacc	aacaacaaaa	aaaccaacaa	59280
aaaaccaaaa	ccctttagga	gtgcagaagc	acaggcacac	acttccactt	cctctgaggt	59340
tttctaccaa	gaaaggatca	accattcata	aaacgttggt	cttagttatc	cctgcacatt	59400
gtagaggctt	aaaaagttta	acttgggcct	ccaactcact	acacagaact	ccagagggat	59460
ccgcctgtcc	gttcatgcta	acctttcacc	gacatcttgt	ttttaagttt	acagaaaacg	59520
ttagggacct	aaagaaggta	agcatcctgc	taagttactc	cctggcttta	cacaggcttt	59580
ctaaaacttg	agtaagaggc	atccttccca	tcaaagattc	caggaaaaca	gcctccccc	59640
tccgcggcca	cacatacgaa	tctatcgctg	acaaagcccc	tgtaagctgg	cttatgtcct	59700
cccctcgcgt	tcaccattct	gtaagtgcat	agaattattt	aagaggaaaa	aaattactgt	59760
ggataaaaat	tggttcgggg	ccttggaatt	ggccggtcgt	gttgtgtttc	cttccagggc	59820
cggcaggcgg	ggcaccaggc	aaggcttgga	agccgcgcct	ctctcaacct	ctcctggcca	59880
cccttgccca	acttccccat	agacacagct	tcaactaaaa	gtggccattg	acctttcaag	59940
cttttgagca	gtggggcaac	agaacagtat	ttcaaagaaa	aatggttatc	gaaatttcga	60000
atccggtttt	cccatgagtg	tttttttt	gtttttgttt	ttctgttaaa	aaaaaaaaa	60060
gtaggtcaca	ttcaaagtgg	gtcacgtttc	aggagccggc	gtgcctggat	gccggcgcgg	60120
aggctaggtg	gcctcttaca	gagtgggagg	tgagggtccc	aataggaaag	aagtactggg	60180
atcaatacga	actccgggtc	cctggctttg	caaggattca	cagagacaaa	cgcaccaggc	60240
ctgtgacccc	gcaccccacc	cgggcacagg	taagggcacc	tcctctgtag	ggtggccagg	60300
gtgggtctcc	cgaagggcaa	gcaggagttg	agctgaggag	gaaaggagaa	gctgggcaag	60360
gctgatgcag	gggactacca	gttggagctc	caggggggag	ggattgaggg	cagtctgcgc	60420
agctttaagg	aggcgctcag	ctcgtctctt	tcctggcctt	ctaggatgct	ggcggagggg	60480
acagtctctg	gttcgcttcc	cgaggtgccc	gggagtggta	gtcgacctgg	gcagtggcgt	60540
gctagctcta	gctctgtgtg	tgtcttagag	agggagggac	ggacatctga	gccccgcccc	60600
cttcccgcac	gctggtcctg	catcccacat	ggaggagagg	agggtcgcgt	ctggcaggcg	60660
cacagcgggg	tggatggctg	gcctaaaggt	tccctcctac	gtggagggct	ggggagaaga	60720
ggggctgcta	ttcgcgggac	cgaggtgctc	agctgttgca	gacacagggg	caggtactgg	60780
tggcttaata	ggcattggct	ggggacttct	ccttgttccc	gagcaccccg	aggtgcaggg	60840
tcagaggagg	gcggagtcgc	aggcttccac	cccgcagcca	ccagcaccag	cacccgcacc	60900
ggctctctcc	acceggetee	cttgaagcct	gcgcattagc	ggccggggcc	tctttaaagc	60960
gctggcgggg	gctgcggtca	cgtgaggcgg	attcctggaa	agttcctgga	aagcggcctc	61020
cgccgcggcc	gggcggggcg	cgaggggcgg	gaggcgggga	gcgagggagg	cgcgtcgggc	61080

tgggaagtcg	cgcgcacact	cggctccggg	gacagacggt	taactcttgc	caagtctcgc	61140
cgcctctgcg	gctcccgggc	cttgggcttc	cccctgaag	catgagcctt	tcctcccgca	61200
gccgccaacg	ctgcgcgggt	ctcggacagt	gcgcgccggg	actccaggcg	cgcgccctca	61260
agatcccttg	tgcccggagc	ccggaagctt	gcggcaggta	ccgctcgcga	agcccgaagg	61320
ttccgcccgg	ggggacagtg	gccgggaggg	cggcggggtg	cgagcacggg	ggcggcggcg	61380
gaccgcctgg	gcgtccgcag	tttagggcgc	cccgggagag	ttcaagtcgg	ggctctgccc	61440
catccggact	caactgcctc	ctctctcccg	ggttccttct	cggtctcggg	aaattttccg	61500
agcaccccca	cccccaaca	actgctaccc	aaatttataa	tcctaataac	ctgatctccc	61560
gctcctcccc	gccagcctcc	gcccttgctc	ccccacccca	ccccttctct	ttctcccatc	61620
tcctccgctt	caactggagg	gaaacccggc	actggcgagc	aggggtgtca	gcctggggcg	61680
gagaggggg	ggggaagcta	ggcgacgatc	cctgggattt	ttgtctgcct	ttggcgcaga	61740
aaaactcggt	tgcttttact	gagcgcagag	ccgattgcat	ccccaggcat	ctccttccac	61800
aaataaacgt	cacccgggga	actcagacgg	acacccctcc	ttgccccctg	gctcccccgc	61860
cccttgtccg	ctggggaggc	tgcctagtgc	ggaggcggca	gtcgcggcgg	tggaggtaag	61920
acctcagtcc	cagttgatgg	catggcccgc	tgcgctcgct	gttgcgggct	cagccccggc	61980
ctcatttgga	gctccggcgg	gggctgcacg	ctccggccga	ttcctcgaca	gcgcccgcgg	62040
cggcagccgc	aggagccgcg	gtccgcgttt	tggagcgacc	gccgctgagc	ccccatcct	62100
cgtctggagc	gtgctccagg	aagcggcagg	agtgggggtg	aggccgcctc	cgaggcaggg	62160
atgcagcggc	tggcgcgccg	ctagcgcacc	gcagcaccct	cggctggcga	cccaggagcc	62220
ctgcggcgct	ttagggcgtg	gaaccaggtt	ttgccggatg	catcctccca	agggccctgg	62280
ggctgctcga	aatgtaagat	ggaaatgcca	agtgcagaga	actgcccggt	tctttgtgta	62340
atgttttccc	ccccaccccc	accccccact	tgcccatgac	aaaggcctat	ccatccggac	62400
ccgcaggtga	ctgtttcctg	ggctgcctgt	gtgtaattcc	agcacacagt	tcttcggcgg	62460
gaaaacacct	tgtttactct	catcctgtct	ccctcctcac	ccctctactc	cggccaactt	62520
tagtgtcttg	gatctctgcc	ctttttaccc	gtctttcccc	agagttgggc	agggcgttag	62580
ctggatgctc	ggggttaaat	ggtacagaac	acgcaggcgg	aggagtccct	gggattttcc	62640
acgtgtctgt	ttacccaccc	ccacctcggc	cgtaggggtt	cagcccagac	tgacccaatc	62700
tctgttccat	tgtttcttca	caggcgatct	gtgggtgaca	gtgtctgcga	gagactttgc	62760
cacaccattc	tgccggaatt	tggagaaaaa	gaaccagccg	cttccagtcc	cctcccctc	62820
cgccaccatt	tcggacaccc	tgcacactct	cgttttgggg	taccctgtga	cttccaggca	62880
gcacgcgagg	tccactggcc	ccagctcggg	cgaccagctg	tctgggacgt	gttgactcat	62940
ctcccatgac	cctgcggtgc	ctggagccct	ccgggaatgg	agcggacagg	acgcggagcc	63000

agtgggggac	cgcggggttg	ccggaggaac	agtcccccga	ggcggcgcgt	ctggcgaaag	63060
ccctgcgcga	gctcagtcaa	acaggtaggg	agctggcggc	tggcgaggag	tgcgaaacgg	63120
ggcgtcccca	tccccaccct	acccaaggcg	gtggcggaga	gcgcggctgg	gacgcgggcc	63180
caggttgggg	gcactgaaag	cgatggaact	actactcctc	gcgtccggtc	tccgctcggg	63240
gaaccgcaga	gagggatgcc	cggatcttag	gtgaccacaa	aagcaaagtg	gagggacgct	63300
gaggcttggg	caagggccgg	gagcgagctg	ggctcatttt	ggaaatgttc	ccccagcacc	63360
ttggagccta	ggctgctttc	agccggagct	cccgctcgct	ccggcgtggg	agaaaagcgg	63420
ccagcgcctc	tcttaactgg	cccggtgcgc	gggcggccag	tgggctgtgc	tgcctcctgt	63480
ctgggctgtg	agcgctcccg	agagcacagc	cgcctctgcc	gcagcccggg	ttgatggcag	63540
ccaagttcag	actgtatgaa	tcgcagctgc	tgggggtggg	gggtagcctg	ggccgagtgc	63600
agcctgctcc	ccgcaatgcg	gaaagcaccc	tacatctgaa	agcaaagaag	agaaatttat	63660
attttctccc	aatagctcga	aaacaatttg	agtcttaaaa	aatctggctt	ctgaaaactt	63720
acctttgagg	caagacaact	tttgtagcag	tagatcttgg	gagaggagaa	aaagttccag	63780
tctttccttt	cggccctggg	ctttccttgg	gaaagtttcc	cggtaatatt	tttttgttgc	63840
ggggggggg	ggtggcgaga	ggggagctgt	cggctgaaac	ggaggggggc	acattgttca	63900
aagttattaa	acgaagtatc	ttgagttact	tttgtaagtg	aggtttagaa	tctggtcaag	63960
atgaatcaaa	tggagatttc	agagagcagg	ggttattttg	atccagggca	aagtccaaaa	64020
gagtatagtg	aagactgtaa	actgtttctg	ctcttcctgg	gaaactgagc	tagttgtaat	64080
caaagcagtc	aacaggagtg	cctcctaggg	cttctaacgg	aggctaaatg	ttacaagttc	64140
tttgggggta	ggttagaggg	ctaccagcca	gtcaaaaaaa	agttgcttct	gtttttaatg	64200
gaattatcgg	agataagctt	tccactttgt	cccctaactt	ctaatttagt	tctgatttac	64260
ttaggttttt	gtttcagtta	aactgtactg	aaaggttttt	tttttttt	ttttctttgt	64320
cagccaatat	gtctgtcata	ttgcaaaagt	tcttttagct	cattaggaga	aaaccttaac	64380
ataatttaaa	gaaaagctac	agaaaatcat	ttgaaaagaa	aaaaattgct	ttacagttgt	64440
gcctagaatg	gacttaagtt	tttattaaat	acttacccag	agatttgtgg	taggccttgg	64500
taaactttaa	ctcacaggct	ttaaaaaaaa	aaaaaaagg	tgtaacaaga	gaaattagtt	64560
gagcactgtg	gtacaggttt	ataaatccca	agacttggga	ggtgagtgaa	gaagaacaag	64620
aaggttcaag	gttatccttg	gctacaaagt	aaaattgagg	ccagcctggg	ctacaggctg	64680
ccctgtctca	aacaaagcaa	accgactaga	aaaacgactg	ccaagtacag	accatactct	64740
aaaaattctt	aataataact	atttcacttt	ctcttcttt	tcttttttga	atgaaaaacc	64800
ccaggatggt	actggggaag	tatgactgtt	aatgaagcca	aagagaaatt	aaaagaggct	64860
ccagaaggaa	ctttcttgat	tagagatagt	tcgcattcag	actacctact	aactatatcc	64920

attaagacat	caactagacc	gactaacctg	caattaaat	accaagatgg	gaaattcaga	64980
		caagtccaag				65040
		gtgcaaggat				65100
gggactgttc	acctgtacct	gaccaaacct	ctgtatacat	cagcacccac	tctgcagcat	65160
ttctgtcgac	tcgccattaa	caaatgtacc	ggtacgatct	ggggactgcc	tttaccaaca	65220
agactaaaag	attacttgga	agaatataaa	ttccaggtat	aagtatttct	ctctctttt	65280
cgttttttt	taaaaaaaaa	aaaaacacat	gcctcatata	gactatctcc	gaatgcagct	65340
atgtgaaaga	gaacccagag	gccctcctct	ggataactgc	gcagaattct	ctcttaagga	65400
cagttgggct	cagtctaact	taaaggtgtg	aagatgtagc	taggtatttt	aaagttcccc	65460
ttaggtagtt	ttagctgaat	gatgctttct	ttcctatggc	tgctcaagat	caaatggccc	65520
ttttaaatga	aacaaaacaa	aacaaaacaa	aacaaaacaa	aaacaaaatg	tcccaaggaa	65580
aggcaagaga	atattcctgt	cagaatgact	tgcctttgtt	ttttgggttc	ctatgcactg	65640
ggtcaaaagt	ccaagctcca	taggagagaa	agaaaggctt	ccatttccag	gaggacagct	65700
gaaggaggga	aagaccctgg	ctgacccagg	cttcagctcc	acttctagac	gcctggggtt	65760
cagtctgtgt	tagaacctgt	tatagtttgc	atcctgatgt	atctagtagg	agttccgtta	65820
agctgaccat	gcttgtattt	atccctcgtc	ttatgcaact	aatcaaatca	accaaaaaaa	65880
ggaaaaaaaa	aaaaaaaaaa	gaaacgaaaa	aagaaccatc	accatgagat	cctgtatttg	65940
tctttttta	ctacacgtat	gacctccccc	gtgagtgagt	actgtagtcc	tccatctcaa	66000
ggcagcctta	cttcagacac	atttcaaact	ggtgcaaaca	gaaaagactt	ctctctttc	66060
ttctgaggct	aaagacaaga	atgtcacgct	atacaggtgc	aactcaatcc	ttgaaaacag	66120
aaaccaatgc	agacagagac	attttacccc	ttgatgtagc	tgtgagtccc	aacctagtgc	66180
cattgttttt	atttttattt	ttatttttgg	aaatggcttt	agaactttcc	aagttatcct	66240
tgaattgtct	gaccacggac	atcaacagct	gcctcccttc	taccatgtag	aatcctatga	66300
cttaactttt	cttccagata	tagaggggta	cctgcctgtt	tttcaaagtg	tttatttact	66360
gctgttacta	tttgattaga	atgtatcaaa	taaaaacaaa	cctgactttt	acaagttgca	66420
ctcattactt	tgagttgtag	gtgtacattt	ccatgctaat	aaaaggtcgc	cataaaaact	66480
cattatcaag	tgaaataaac	taagcaatca	gctcagggta	gaacattaac	tcgcttgcct	66540
ccaaataagg	cccacacctg	ctctatgtgt	tttagaaagc	atggttcaca	ggctaggaat	66600
cgtcaagaca	gcctgatcat	gtgcaggccg	gatgggcaca	atccttgtgc	atttcaaaag	66660
caatggttta	gaagcgataa	aagttacgtc	agggtctaaa	ctctaacaag	ttccgcagcc	66720
gctttctctt	ggccacccag	tctcacgact	gctgtagcat	gccatcttct	ctagagtcta	66780
gacactatgc	ctcttgccgc	cctgtacatg	tttcctggcc	gggccgtagg	ttcctgtgtg	66840

tccagggtga	aaggagaacc	tggggcgtca	tgtgcacgct	ctaagtgaat	aggaaattat	66900
aaaagtgcag	aataatagaa	ctgacttacc	ttgcagggtt	tgaagtcccc	agttttacac	66960
caggaaggaa	acattaagtt	tatccaacct	ggatggattg	ctgggtgtgg	cttgggaaga	67020
gcctgcttcg	ctctgctggg	tggtggggca	atactaggct	tcccgctagg	atacttagat	67080
ctcccttttg	cacactgatg	atgatggttc	tctggtagaa	cgcttgggct	agcaaggggc	67140
tttgtggaat	ccttttcagg	tctccctgct	gttcctcagg	tattgggagt	gaggaggcag	67200
tcagaagacc	ctgtgcctgt	ggagttatga	caagctcccg	agtgttgcgt	tcagcgcctg	67260
caggtgtgtg	tgtattggga	gcccagattc	actgcttggg	gctgtgatat	ggatcacctt	67320
atctaactct	agtcctgatg	gcaaggaagt	tgataggcat	caggggacag	ttttgttttg	67380
tttttgtttt	cttgctttat	agtttttaat	atatttactg	agttccttgt	gtgccagcct	67440
ctgactcaat	acttcataat	atctcatttg	atcctcggaa	ggaccaaaag	agcaaagtcc	67500
aggatttatg	ggaagtgaat	agttccacac	tgatccagtt	aacaagttag	agcaggctgt	67560
aatagcagtc	tttttgctgc	ggcctcaacc	agactagtgc	agatactgta	attagtgttg	67620
cgtcctctct	cgctttaaaa	acattttcaa	gaagtggttt	cttggtgcat	gtgtgtatgt	67680
gtatgcatgt	gccatgtcat	atatgtggga	ggtgtggcac	agcttctccg	ttcttgcctc	67740
tcgctgcgtg	ggctccaggg	attggacctc	agtctttacc	gacaagcacc	cttacccatt	67800
gagacatctt	gtcagccctc	cagtcagtct	ggccaatggc	tttttttt	ttgaagatcc	67860
ctgaaataag	tggtaaagtg	ggggtgggga	gggagtttgt	ccccttcctg	ggtgactact	67920
aaatgatgcc	aggtatcact	gactgtccca	tctaacaaca	gaaacaaaac	tggattcacc	67980
caaggtgtcc	tcaacagagg	ctggaaaatt	tctctttcac	tgttgttttt	ctatgggggg	68040
tggtgtgaag	cattagtaag	gacatttatt	attgagattc	taattgttgc	tgttcttgtg	68100
gcctgtcctg	tgctctgtcg	caggatttgt	gtatccaccc	ccgacttcag	tgactgctat	68160
gagtttctgt	tcagaggacg	cagaggtgaa	ggagcgtatg	tcatcccatc	taaagttacc	68220
aacacagata	acagatgtaa	tgacatctgc	tttcttttta	gaaacaggga	ccccagttt	68280
gtgtgcgctt	ggaggtcttg	cttagtgtta	ttagtatgaa	ggttttgact	tcatcgtaat	68340
tacatcattc	aaataggtga	cagaaaggga	ctgttggttg	ttccacacgg	tttattttct	68400
tgggaagcct	ttettteece	tgcttttaga	aaattgtacc	ctgcttggcg	gagggtagga	68460
gacagacacg	tcatcaagta	atccaaggga	tggaatgtcc	cgagagcaga	ctatgccctt	68520
ctggttgtgg	gtttgggcac	agggcaggag	ggggctgtgg	ctctaacagc	tgggccgaag	68580
cctcactggc	tcccagaagt	cctgtccatc	ttctagacct	ctacccagaa	tgtggctctg	68640
ggcctgtcat	tccctcagag	gctctgcgtt	ctcctcatcc	agttgttaac	tccctagaat	68700
cctggagtcc	ggaacacact	gtttgggtca	ctcagcccag	gtcctttata	ggaaccagaa	68760

catttcagat	tcagggacta	gaaatctagt	cagcaaatgg	gcaacataca	aacccagagc	68820
ttaggtccgg	tggaagctcc	acccttctgc	cctcccttca	aaccgcctgt	gcccttcttt	68880
gctgcagtta	ctgtaactta	aaacttgctt	cctctgacat	gcaaaatcag	gttttgggat	68940
gtcaccacag	caggatactt	tcaattctta	gctcctgccc	cactctccag	gattacccct	69000
tttgtcgtga	tccactgtat	aatgagatat	gtattaattt	gaattcttta	gttcttttt	69060
taatcatttt	ggagattgaa	cgtaggtctt	tccccacgct	tggcaagcat	cctaccgttg	69120
agccacatct	ccagtccatg	tcaatgtctc	tctaatctgt	ttgctgtttg	aaagccgaag	69180
tcctccggtc	cttgctgtgt	ggtgatctca	tgacacgtct	gccagatgtc	acccacacat	69240
ggccagggtg	cccagctgac	tctactctcc	tgtgtttgct	taccagtaga	gtctgttttg	69300
gcttttgcct	cctcttacat	gcaggtagct	cctgccttac	tctctcctgc	tcttcccacg	69360
atgctgtctt	tttagatggt	cgattagaga	agtcctgggt	ggctgtatga	tgggccagcg	69420
aaggatggga	attcaagtct	acttgaatta	ggtaaactga	cagatttagg	gtccttagga	69480
ttaagtctgt	gtctgtttct	ctttagttct	cttcaggatt	taaaaaccaa	agccagttcc	69540
taacaccaca	tttcaacact	ttaaaaaaaa	aaaaaaaaaa	aaaacttgtt	tatttaaaca	69600
accgtaggct	ccttacttgc	tagtttatgc	tctattggga	aggaagaaag	acagcccttc	69660
tttagcttgt	ttgttgctga	gggcaatcct	tgcaccttcg	gtttggtctt	ctcattctct	69720
tctgctgccc	tggaagattt	tctccagttt	tecetetatg	tggtttcaga	gtaagtcacc	69780
ttacctcgca	ctcagcttaa	gggacagctg	ttgttggagt	cagcctctaa	aagccccgtt	69840
tgtcccaaat	gcctgactag	cgggtcagct	gaagcagtca	ttgtggtctt	cctacccacc	69900
ctgtcctcag	ctctgtccac	aagggaggtc	tgagctgcca	agtctgacgg	gggactcact	69960
tccataaaca	tttactgagc	cataaaaata	aaactgcttt	tatagacaac	tctcactttg	70020
aactccattc	ttcacttgga	gaagaaggcg	ctgcccctcg	agcaggagca	gtttgtgacg	70080
ggttatacag	cccgtctgtg	gcctcatctc	agtgaggaac	agagggaagg	gagactcaag	70140
ccagagagag	ccttggtgcg	agctaagaaa	ataacaccag	ctgccttcct	cttctgtttc	70200
agcctaagtt	ccttccagag	agccccttcg	ctgcggcgaa	ataagacaca	tttgctagtt	70260
aaatcatcac	aggacttcat	atatttttcc	tagactgtcc	cagtttccag	tcatgttaag	70320
ataaaaagat	agcctttttg	ccaaatggtt	tttcccttct	gttctttggg	cagccctttt	70380
cctgttcaga	ttttgatctt	gtgttgctat	gatctttctt	agtctttcag	gaaaaccctc	70440
cccatgttgt	tttctgccca	gggaagttgt	tttcccactt	tgactttcgt	cacccagatg	70500
aactgatgaa	ctgcgttccc	ttaggtagta	gacggaatcg	tgggtttggt	cagaaagtaa	70560
gtgtgttctt	gttttgtgta	ttttatttac	ctacctgttc	tccattatgt	ggtgataaag	70620
ggcggagaga	gtgcctgctg	tcagacaaac	cctctgcttc	ctctccgttc	attctcactg	70680

gaaccactgt	cagaaaaatg	gcttcatgtc	attattattt	aagtatattg	aaggcagtaa	70740
tagggttggg	caaagaaaaa	ggggtgaagc	ctcactggtg	tgatgagggg	ctcttccgag	70800
tctctcatta	ggtacccagg	gctctcaaga	ctatgaccag	tttatttcta	tcaccctgtg	70860
taccaatcct	tgctcttgag	ctggggtagg	attgaacagc	tttagcggaa	aaaaaaattc	70920
ttcttctaag	acagggcctt	aggtatccta	gactcgaatt	ggaactcgat	gtagagctaa	70980
gggttatcct	gaactcctga	ccctcctgcc	tccgtctttc	agctgctggg	attacaggta	71040
tgtgcctgcc	tgtatcaagc	ctgttaatgc	agtgaagcca	gggcttcctg	ggctccaggc	71100
aagttcttga	ccaagtgagc	tactttcccg	gaaactggca	atcattgtct	tcaaaattgt	71160
gttcctcttt	tatattgggg	agtgttacct	tttcctggtg	gaccgggcgc	tttctgattc	71220
agcatctttt	tctcatccgt	tacagtgtta	tctgtagagt	ttagagttgc	agagaatgga	71280
tatccttcaa	gtctttattt	ttttttaatg	atatattta	tgtatgtgtg	catgtaatgt	71340
gtatgtacac	acacacacac	acacacacac	acacacacac	acacacacat	tcatgtagat	71400
acccagaaaa	gaccagaaga	agatgtcaga	ttatggttct	gagctgctat	gtgggagttg	71460
ggaattgaat	tccggtcctc	tggaagagca	gtaaatgctc	ctggtgtcag	agccatctct	71520
cctgtcccca	tccacaaagt	cttgggacca	aggcctaata	aatcaaggtg	ttaaccttct	71580
atttatattc	atttggtacc	tgttatatta	ttcattagga	actcagggaa	gagtcacact	71640
ctcacattat	agaggccctc	ttaccttatg	ggaagagata	gagaagacag	gattcatatt	71700
tattcaatag	tctggtctgt	ctcatgcccc	attggttaat	ctccacaaca	gccaggagca	71760
ttacagactc	cttttattga	aaataaaaca	gatgcttgaa	gatggaaact	gtagcgccca	71820
gcaatactgc	cctacgacta	ggagtctgta	cctgtatgga	gactatggaa	cacaacgcag	71880
ggttatagct	atgagtgaca	ccatgctctc	ctctcctctt	agtctgataa	agcattcctt	71940
acatgagaga	actggcttag	gcttgtgctg	tgtactgtcc	ttctggactc	cctgggtggt	72000
aggacttaga	ggtgaagagt	gagagatgtg	tggcgggcag	gcaggaagca	ggtgcctggg	72060
agaggagtgg	agaggcagac	aagatgttca	agtttgtcac	cgggctcaga	tttgtcccag	72120
atttgttcca	gattaatttg	gagctctggg	tctggaagct	ttctgtttga	taccagcttc	72180
cactctgggc	gagctgagcc	aactctgcct	tttcaggaaa	gcagggagca	gtggcacagt	72240
gggtgccatt	ctgaactggg	aatgggaaga	gactatttct	agttgctttg	tcttggacca	72300
aacgccgagc	ttcttagagg	ctcagatact	acatgtgtag	aatgtagagc	ttgcagtact	72360
gatgtctaca	gtcagtctct	ttcaggaagt	taccctcacc	tatgagcaca	tcaggatggg	72420
aggagacaga	ggggcaaact	ctatattttg	ttgggtggtc	tcagattgac	ttaagtttta	72480
gcatagattt	ttgcctctat	gctatcatag	gctctggctt	atttggggaa	agagattctc	72540
tctaccctaa	attgtttttt	cccttttcac	agtcagagtc	agtagactgt	ttttagtatg	72600

gtaagaggaa	ttttatgttg	ttttctgagc	catgaatctt	tggagccctg	gcctgtattc	72660
agagtataga	cttgggcttt	tagatcctgg	ctgtgatgga	ggaggctctg	atgctgggaa	72720
ccgaactgtg	gccccggtcc	tctgcaaaag	agcagcaagt	gctcttagtc	accgagccat	72780
ctctccagcc	cctaaccatc	ttttgtattt	ggtggtctac	tccctggctc	catcaactga	72840
tactttgttt	ctggcctcct	tcccagctgg	gactataggt	atacaccatc	ctataccact	72900
gatactttgt	ttctggcctc	ctgcccagca	gaaactatag	gtatacaccc	tcctgtacca	72960
ctgatacttt	gtttctggcc	tcctgcccag	ctgggactat	aggtatacac	catcctgtac	73020
cgttcctcct	ggatctgtct	taaagcaggg	gtgcccactt	ctgctcttga	cacccacaat	73080
ggttttggtg	ccctttgttg	ccagcaagag	agaatcaggt	tgaaatttac	ttgctaatct	73140
gatagagatg	acagctggta	gagccttcga	tgctgttttt	tcacagagta	agttcttgct	73200
ttgcaacttg	atgcaaatgg	aagttagtca	ccaggagttg	taagcttggc	tttctctgga	73260
agctcacctt	atctcctttc	tttctaactc	atccactcta	agggtgtctg	ttaagccagc	73320
agaaaataga	ctgatacagc	aatcagggag	agaatagagg	aatgcaggca	tcagatcact	73380
tagcctggca	tagtttaaag	ctcctggttg	aagtcatgtt	gggcaggttg	gagaattcat	73440
catgttcaaa	gagtgggaat	aaggcagcag	cgattccaaa	acagaccaac	tcttcagttc	73500
ccaaaggaaa	ttaatcctgt	ctttctacag	tgtgaataat	tcaacacaaa	taaattatat	73560
actcactcac	gttcagggat	tactccttta	cctaagccac	ctattcagca	ttacctccct	73620
ccctctttct	ttcttcctcc	ctccctccct	ccctccatct	ttctccctcc	ctccctccct	73680
ccctccttcc	ctccctcctc	tetetetete	tctctctctc	tctctctct	tctctctc	73740
ttccttccaa	gttttctttc	tttttttaga	tatgagtttc	atgtggcaca	ggctaacctt	73800
gaactatgta	gctgaggctg	gtcttgaact	cgtgatcttt	ctgtttttaa	tttcctaagc	73860
actgggatta	taggcatcct	tcaccatgcc	cactttttt	tttttttaa	atcagttttc	73920
aaccaacatg	agccttttta	ggtacatttc	aactacatgg	gctttttttg	ttttaaatga	73980
taaattgata	gctaatcact	gatttttaaa	ttgcttttgt	gaggactata	ttctaatttt	74040
caacaactga	gtcctacact	gtctttttct	acagaaggca	gctgtgtatc	cagaataaca	74100
agctgtgtct	caacagtgag	cctctactga	atttttaaat	tgctatgtct	gacaaactag	74160
gacatggaaa	tgtacttact	ttaaagcaga	attcaggttt	tctttagtgc	tacatctcag	74220
gttttctata	ctaacctgta	ttgaaaattt	ccacattgtt	gatattctcc	ctcttcgtat	74280
ttatctctct	cacttgctta	tttagttaga	tattttatcc	atctgcttat	tcacacgtca	74340
gcccacaata	tttattaaac	atctacttag	atcatgcata	aaacagggtc	gtaggaaagt	74400
tgaaagaaca	ctctctgtcc	ttaagcaatc	acattccaaa	ttacaggata	ggtcctgttg	74460
acatctttga	gggatgagtt	gggagacgcc	agggcaatgg	ttctcaactt	tcctgtgaca	74520

ctttaataca gttcctcatg	ttgtggcaac	tcccaatcat	aaaattattt	agttactact	74580
actgtaattt tgctattgtt	acaaattgta	atgtaaacat	ctctttttt	ttttgatggt	74640
cttaggtgat tcctgtggaa	ggattgtttg	acccccaccc	ccaccatggg	gtcaatcccc	74700
acagttgaga acctcgctct	aagggatgct	taaagtcaag	gatggtatat	actgtgtctc	74760
atacacacag acacacagac	acacacacag	acacacacag	acacacacag	acacacacac	74820
acacacacag acacacacac	acacacacac	acacacacac	ctctatagga	aggcttcact	74880
tataagtaga cacagataag	taacaaggca	aagaataaca	tagaattcat	tatgctatct	74940
tcagatattg gagttcacta	cctgacattt	tcagaccaca	gtcgatcgta	gaccaatgaa	75000
actgagggat acgaagcctg	ggccaatggg	agtgctggat	aatgcctcta	aatctgtagg	75060
tgttaaccca tgcagtcagg	caacataagt	aaaagatatt	tttagaaggc	tgtgatgttc	75120
tgaccacaca caggtagtct	ccctcattgc	ctcccagtca	gtgtaacagg	tgtttggtat	75180
aaacgtcgtt ttagttactt	atcgatactc	aaatcacccc	ccccccccg	ggcgcgcatg	75240
cgcatgcgca agctcagcct	ggtattttaa	tatggcctta	aacaggtgca	agggtctggg	75300
gccactctca aatttccaca	tgggctaacg	ccctcccccg	atactcctga	attattactt	75360
actaaaatct aaattccatc	ttgctacctt	agacccaaat	gagggaccct	gggtccgctc	75420
ttcccggttc tttcgggcgt	atgctccgct	tctccagctc	tcaggcctga	tttttctgtt	75480
tccctggcaa aggattctaa	atctgtcctt	ttccctgggt	tcccttgccc	atgaaatcta	75540
aagteccace teegteteet	gcctagccat	tagccacctg	caactttatt	ttccaattag	75600
agccaacggg ggcagggacc	cgaggcatct	tcatcttaca	tgtagtcgtg	caaattcctg	75660
tgtaattggt aacccaatta	aacaatataa	gcaataaacc	aaatccataa	catataagtg	75720
tgatattgca tcataagcaa	tctagagatg	atttaaagtc	ggccctgaat	tacatacaaa	75780
tgctctgcat aaggtaaata	tgcacggtta	atgcataagg	taaatccaag	gtttgggatg	75840
tcttgtccaa gttcctggag	ccaaccaacc	ccactttgat	acacaaagat	acttgtagat	75900
tggaaaaaca gtgtaccctg	tgagggaaca	cctagatttg	tctgaggaaa	tctagggaga	75960
aagcagggag gaggtgattt	ctaacctgat	gcatagaaga	tgactggcct	ggaggacaga	76020
tcagcatgaa ggttgtttgt	ttgtttgttt	gcctgccttt	cagaattgtt	aaatgcttac	76080
ctgaaaaccc ttacaggctt	ttgagtgtag	agtgatagcc	tcagacatga	gatccagagc	76140
ccttcaacca cagacctaga	cttgcaaggg	gcccagagct	gaaatgttcc	gggccatggg	76200
cttgaggagg aaaagagttt	ccgtggtcat	tgtcggcatc	ttctcaacaa	gaaggagccg	76260
cccttcagat gtgagtctat	caacagaggc	ggcggaatga	gcaaaggatg	ggagattatc	76320
acccgtgcaa atctggtgtt	ccatatgaga	ttacacttac	tgcttatagt	acaaagtatg	76380
ttctacactt aaaaaaaaac	cctacccggg	cgtggtggcg	cacgccttta	atcccagcac	76440

ttgggaggca	gaggcaggca	gatttctgag	ttcgaggcca	gtctgggcta	cagagtgagt	76500
tccaggacag	ccagggctac	acagggaaac	cctgtcttga	aaaaccaacc	aaccaaccaa	76560
ccaacaaacc	aacccaaacc	ctgaagatgg	atatctattg	ctctattttt	tatttttaaa	76620
gattatactg	acatcgcttt	cccttccttg	cttacattca	aatgcatggg	tttttttta	76680
tcactaactt	gttacataca	tacatgtata	tctatacaca	catacatgta	tatctataca	76740
cacaaacaca	cacatataca	cacacatatg	taatatttct	aaagacataa	atacaacctt	76800
cttagtctgc	acagtgcaaa	ttgtacatgt	ggtttcaggg	ctgaccattt	ggtattggct	76860
aaccaattgg	tgcgatcctc	ccacgggaag	actatccagg	tctcagcttg	gttgcctgtg	76920
ttcttcgtgg	agggtcgagg	cctcctgggg	gtgaccatct	ttttatgctc	atcacaccct	76980
ttccttcctc	cctgttgcca	ccttttctaa	aaatttcacc	cacacaatac	atgtagtttg	77040
ttttcatcag	tggtcgagta	tggaaagctg	tactgaaaag	cagtctcctt	ggctctcccc	77100
ctgtctgtct	gtctgtcctg	acttttgttt	tatgatttct	gaggcactct	catgtagccc	77160
aagctggctt	tgatcttcct	gcatcaccaa	ggctggcctt	gaactcttcc	ttccatttcc	77220
ttcatgtttc	ctatacaagc	ctggtctaac	ttaggcctac	acctcttgaa	gctccatcct	77280
attgctcctg	ggctggagtg	taaacggtat	gcagacagtg	ccccgtagtt	tgtagcccaa	77340
ctctactttt	tcatagtcga	tgctgaataa	atgactgtgt	gaagacttat	tctttccaaa	77400
gatagttcct	gttttgaggt	cactgtatta	tttatcaata	ccagttttag	aagctgcagt	77460
tgcaaataaa	taatgtattc	acgtgagctt	ctgtgttgtt	ttctgtgtaa	cgagttaaag	77520
aatgcattta	atggtacctc	aagctggaag	tagaaaagat	ggattagaaa	tgtcccgctc	77580
attgcttttt	atgcttttaa	aatttttta	ttttatttta	ttttttaaa	ctttggtttg	77640
gttttctttt	gctgtcgtga	gcctgggtct	cagcagaggt	tagtgtcagc	teggetgeet	77700
gggctgtgaa	ctgcagatgc	cactgtagct	gagctctggg	attggctcac	tgaggtccct	77760
caccgtgctt	catgtgaggt	ccaggaatgt	atagttttgc	ggtctgatat	attttgatgg	77820
ttgccagata	aaatcgatgt	ctggcacttt	tttctaggaa	aaacacattt	agacgtttcc	77880
aagctgattt	gtaggacttc	atgtcattag	aactttgtgg	cagaactttt	tctcaagtgg	77940
ctgaaaacat	aaaggaactt	cagtctcgag	ggctgttccc	agcatgtcct	gggagtgcca	78000
aagccgagag	gcggacaacg	gcctggattg	tttagacggc	ctttcttcaa	aaataactga	78060
gtatctggac	ttcttccaat	aaggaaaata	acagctttag	ctactgacac	cagattagtc	78120
ccacaactta	ggaaaaacgg	ggtacctttt	cctcaagttt	ctaataacat	ttcttagtct	78180
ggctgagagg	gaggactcag	gttagtcttg	aaggtctgat	tgctgtttgc	tgttctattc	78240
tgttttttgt	tgttgttgtt	ttgttttgtt	ttttttcaag	aagagccggg	ttgggagaaa	78300
cagactgttg	ttgaaagtta	gcctcccagt	tcaggcgagc	aaatcacagt	ctttttcttc	78360

atttatgtcc	taagtatctt	ggatgcgagt	taagacgcta	ttataaagga	atgaaacaga	78420
gagagaggta	gagagagaga	gagacagaca	gacagacaga	cagacagaca	gacagagaca	78480
gacagaggga	acctggtgat	acacgcatta	ctttttcttt	aaactccctg	gcttctctct	78540
aaggccagcg	ggtggatagc	aagtctttac	ttgttggcag	tacactgaag	cctcttggaa	78600
caaaatgact	attgaaaaca	aaaaagcagc	ttcgtgagat	acacttcagc	tagggagccc	78660
aggagtaaat	attttagatt	tggaagaact	ttaaaaaaaa	aaaaaaagct	acagatette	78720
tgaaagactt	gccatttaat	tagtaggtta	atgaggcctt	aggaccgaaa	acttggtctg	78780
gttaaagcac	ccacaaaaac	tcaagtagaa	cctggaagca	attcgacctt	gatttacaaa	78840
catggtgagg	actagggcca	gctttggcta	tttcgaggaa	ctggataggg	agagggatca	78900
atcagggaga	aagctgtgtg	tgtgtgtgtg	tgtgtgagag	agagagagag	agagagagag	78960
agagagagag	agagagagag	agagagagag	agagagatct	cctctccggt	ctccattctt	79020
tctgcgggga	ggagggggg	ctacgctgtc	tggggctcgc	cctggctgag	cagagggaag	79080
ggctgaggtg	ccaccggctg	acggctgacg	cagaagacgt	tctttttctg	cagccatctg	79140
ggagtggcag	ctcctcctgg	cgtccaggcg	ccctgcgggt	ctcagggggt	ggggtggggt	79200
ccttatgtca	ggccacagct	acagaggaga	tgtcaccaaa	tgcgcatttg	cgctgagcgc	79260
acggcgccgc	tttcctctac	agtgaatggg	ttaacacctt	cttctacacc	cacccctctg	79320
ccccaccgt	ttacctccta	caaacagagt	tgggaacctg	gctgccactg	tctgcaaaca	79380
aagcacctct	cttgtttctg	ttaatccaaa	gtaaatataa	tcttctatta	gctagtttct	79440
cagttattct	gacagcaacc	tactcggggt	taaaaaaa at	atctagctag	ttcagcaagt	79500
cactatgacg	gagggacggg	actgcctacc	tccttcccca	ctccatcccc	taggacctct	79560
tatctatttg	taaaaaacta	tttcagaatg	ttctaatgtc	atagaagcat	ctaattttaa	79620
tcacttttta	aaaagcacac	acaagcagta	tcatgcgtac	atacattctg	ctctttaatt	79680
tgcttctcag	gtttgctgtt	tggggtctgg	atagcttttc	atgtccttac	tcagatccca	79740
gctctttaca	tattccagcc	catgaacaca	cttgttgaca	ggcttggtcc	ccatcagtgg	79800
acggttaggt	tgtctctgcc	ctcacaaaca	acagtgtatt	aaagcctctg	ggcttatgaa	79860
tgttctgtgt	gtttatgggc	acaaacacac	ggagtaaatc	cctgcccctg	gaacttttt	79920
ggtgacgggg	tactcacatg	ggacatgtta	gaaggttttc	aaaggcgggt	agtcctagca	79980
atatttcaga	cataaataag	ttattatctt	tcacatctcc	agcctttacc	aggctttctt	80040
gaaaacagtt	aatatttaaa	tgacacattt	gttaccgaga	gcaaatcagc	ttgtgttaag	80100
ttgctaatta	agtgtcttta	aagttaaatt	tcaagtccca	aacagaggtc	tctggagtgt	80160
gcaattctct	gccagggcct	ttagaaacta	gcaagaagcc	agccgtgaca	aactcatccc	80220
agtctccagg	gacatcaacg	gctgtggcat	gtggctctgg	aaaactagct	gctttgagaa	80280

actctagggt	gggattggga	aggggtttgt	ttcatgtgta	agagtgttgt	caccaattaa	80340
ttcacttcag	aaacactgac	taaacacaac	catagcaaaa	gtttctcctc	cccctgcctt	80400
tctttgtacc	agcctcccga	caccagatgg	gagcccggtt	ctaggaacca	caaaattaat	80460
ttcctgccac	tgaaaggtga	tccagcaagg	ggattagctt	tgcctgaggg	tggctataca	80520
ctatatctag	atcttgcccc	caaagggata	tttggcttgc	ttgtgagttt	agtggctcaa	80580
agcgttccac	ctgcaccaaa	cggtccattt	agctcctcac	ttgagttttc	taggtagaaa	80640
cattacagat	gaaaccaggt	tccaatggat	gagtcaagtt	ttagaacttg	ggattcaagc	80700
tgctattaaa	ttgcattatc	ggcaatccta	gtagcactgc	cccctccccc	atagcctttt	80760
agattatagt	caaccttgag	ggtgggggtt	gtgtagagtg	ttgacagttg	tcataattcc	80820
tcaaataacc	acttgactga	aaaaaatggc	tattttaaaa	gcaaactccc	tcactctcaa	80880
aactcaaaga	cagtcacatt	gggatggggg	ggggggtgtc	tgggtggcat	ccaagaggaa	80940
aacaaagaaa	aacaaacagc	aaaactcaaa	ccaaaccagt	taaaacaaaa	agaaacttcc	81000
cattctaggt	ccaaaattgt	gctttcagat	agaggagaca	aatcaacagg	gctgaggaac	81060
ctgctaataa	aagcctctga	tttcaaacca	gtgtccagta	atacaggagg	ggcacattgg	81120
aagagtgagg	gaggcgaaat	gatgtcctga	aatagaatgg	tcctctcaac	ggtcaggaag	81180
cacctgggga	cttacttgct	tagaaattca	gacagaaatt	gtttctgcaa	ttagtgggaa	81240
atgaggcttc	taagcgccaa	cgcctttaat	attttcatgc	ctttatctgc	cttttccatc	81300
aacgtgaatt	acagtgacaa	tgcattcaag	ttaataatac	caaatgtaac	ttgggttgca	81360
agggtggggc	agatgatgtc	aagctaggaa	ggacacttag	actggacact	tggctttaac	81420
tccgaatctc	cctttcctgc	tttgcccaga	gcctgcacac	ccagcctgcg	gggctttcat	81480
ttttacagct	cctttcaaga	ttctgtttaa	aagtcgaaaa	gtgaaacaaa	gatgttttaa	81540
ttgttacaac	gtctaccacc	tcttttaatt	tttttctttt	ttctttctta	acatccataa	81600
agactttagt	ccaggggttc	tcacccttcc	taatgctgag	accctttaat	acagttcctc	81660
atattgtggt	gactccccc	caaccataaa	attatttttg	ttgctacttt	atagctgcaa	81720
ttttgctact	gttatgaatc	acaatataaa	taactggtat	gcaggatatg	tggtatggga	81780
ccctatgaaa	gggtcacttt	cgtcccaccc	cgcaaggggt	caccaccaca	ggttgagaaa	81840
cacctgcttt	agaagctatt	cttttccaaa	gtcctttact	agcaactgac	cagggttctt	81900
ttttctttt	tcttttctt	ttttttactt	attcacttta	ctcccactta	ctgcccccct	81960
tcttgtcacc	ccctcccaca	atcctttccc	cttctcctct	gagtgagtgg	ggacaccccc	82020
gtgtccccca	ccccctatg	acaagggttc	ttactaggat	ttttcctctc	cctaagaagt	82080
gttccaactc	gtgtttcttt	agatacatcg	ttttcctttg	gcactctatc	atgaaggcag	82140
ttggtttgct	tgagaactct	gttgtttcag	cactttagaa	tgtgaatcca	cagtcactgg	82200

gttgctagaa	aaagatgtca	tgaatcagtt	ttgagcacta	gaacgctggt	agttaagggg	82260
agggcttgaa	cttgcatacc	attgatcttt	gcgttttaaa	taagagttaa	aaaaaaaaa	82320
aagtcctgtg	gttatgtaag	cggtccttga	ggcaggtttg	actacatttt	cttcaaatgt	82380
caaattgaat	aatccagtca	gaagcacggg	gtcccaagtc	ttgtcagcag	ttctgaaagt	82440
taagatttat	tgcgacttct	ttcattgcct	gggctttatt	acttttgaaa	aatatgtgac	82500
ggtattaccc	ttggatttac	tggggttctt	aaggtcttgt	caaaaatgaa	acaagtcctc	82560
tctgtggtag	gaatcgcccg	taagcacggt	ggtgagggga	aactttgcct	tgagaatctc	82620
actcttaaaa	acaaactacg	ctcagccctt	tctttttgcc	agtagtcatt	tattttaccg	82680
attctgagcc	aatggtcaac	ttcggggata	cttcacatag	ttcaacaaac	tgtatgagct	82740
gcttttcaaa	acacggcttg	catttcctgc	ccctcatccc	gtttagaaac	ctgatggagt	82800
gtttctgaag	acacgtccct	aaaacttgag	agggaagctc	gattctttcc	accattcttt	82860
gtggtccaga	ggccagctct	gaagtgggct	ccttaccgac	gactccaatg	caccttgaaa	82920
ggcaggagct	gagcgaggct	cacgtttcct	gcctgtgcgc	gcctctccgc	ttggaatgtt	82980
tttctgccaa	ctgaaagtag	agcttgatcc	tcctcctctt	ctcctagatt	aagcctgctt	83040
tcactccttt	gaaattagtt	tggttcctga	ccagaaatgc	ctaaaagaaa	gaaagagaga	83100
gaggcagaga	gacagacaga	gacagagaca	gacagagaca	gagacagaga	gagacagagg	83160
agagagagag	gcagagagac	agagacagag	agaagagaga	gacagagaca	gaggagggag	83220
agagagagag	agagagagag	agagagagag	agagagagag	agagagagag	agaaaccaaa	83280
gctcccaaac	caaaccaaac	cacagcctct	agtctttctt	tctgctattt	ggacttaatc	83340
aaatagcatc	tactttctcc	ttgcttttcc	tctccccca	caccctttct	tccccctacc	83400
cacccccctt	cttccttttc	ctcctatccg	gtaacttatt	tcttgagctc	tggggttttc	83460
tctgtaagag	ggtatatgta	agcatgcatg	catgcagggg	ccagcaagtc	aaccactggt	83520
cactgctcct	caggtactgt	cccttggtat	ttgagacagg	ttacctctag	ggtcaggggc	83580
tctctgattt	gccaggctgg	ctggtcagtg	aacccaagga	gtgaatcctt	atgcgtggct	83640
ttcccctgca	ttccgggggg	ggggggggca	ttgattgaga	gctcagggcc	tcatgactgc	83700
acggcaagta	ctttacccac	tgagctggat	ccccagacct	ggtgtggacg	tcctttttca	83760
aatagttatc	tttgttttca	tttatttatt	tatttatgta	tgtatgtatg	tatgtatgta	83820
tgtatgtatg	tatgtatgta	tgtgtgtaca	gcggtagcat	ccagaagaca	tcagatcccc	83880
tagaggtggc	tgtgagctcc	tgacctggga	atccaacctg	ggttgattct	ggcacagcag	83940
caaatgttcc	cttctttgtt	gttgttggtt	gttttgtttt	gttttgtttt	tagagacagg	84000
gttctctgta	taatcctcct	ggctgcctag	aactcgctgt	ataggccagg	ctgacctggg	84060
actcggcgat	ctgccttcct	ctgtgtcctg	agtgctggca	tggaaggctt	ttgccaccac	84120

84180 acceacagea gatgetttta accateaege etttteteta teeceeggte tagtttgttg gtcttttctc tgcggttata agtctttgca gtcttcaggg ttacacaacc agacaagcct 84240 ttttccattt tctttctctt gtgtgtgtgt gtttgtgttt gtgtgtatgt ttgtgtgtat 84300 gtatgtattt gtgtgtcttt atgtgtgtat gtatatgtgt gtgtttatgt gtgtgtatat 84360 84420 84480 84540 tettteacca etacegteca geageaggga acacageact eccagggatt tteetgggtt tgttcctcac ccacccacgc tcacccttgc cgtactcctc acgattcagt acttctcaaa 84600 84660 cccagcacaa aatcccactt acacagttgt ccaggaaaat ccataggaag gggcttggga 84720 caaatgataa gcatatttgg atttatttat gcctgatttg aggctgtttc ttcaaaataa actittatgt gaatgggtit tigtctgtgc accacatotg tgccttgtat ciggtgcctg 84780 84840 tggaagccag aatagaagac tggatcccct tgctatgtgg atgctgggag ttgaacccag gtcatctgga atagcagcca gtgtgctttt aaccactgag ccatctctcc aacctgactt 84900 totttottt tttttttt ttttttt tggtcaggag tgtggggaac tcgtcctatc 84960 85020 tgccgacttt tatggcaagt actttcctat actattggat ccagtcctta caacatcatt 85080 tctggcacat cattacactg tgaccacttt gaagataaag aaactcgggg cccaagggaa ggtgaagtag aaaggcatcg aaaggcctct cctcactgtg tcagggctgg gatttggaac 85140 85200 caggeettet gattttaata teaggtttaa tetataetet caageaaggt egtgeageea 85260 gagcaactga ctagaaggtt ccacagagaa ggctatcaga ggacattgac ccacatgtgc 85320 atcactgatc tgactcgttc caagcaaccg taggcctcgt aggcctctct gctgtgccct gtatcactat tttatgaccc ttttctggag agggtcaaca agcgtctctt caatagcgag 85380 aggacatcaa taaagaccaa agtggctcta cccaccggtg agccggtggg tttcatgagg 85440 85500 tttgcttcca gcggcctaag gtgagcccgt ggttgaccgt tccctgcagg ggcacaggca gcttacagga ggcagcatca ctaaagagaa agctctcggt tgctctcaca accactggct 85560 85620 ataaaccctc agggaggatc ctactcctcc ccacggcatg agagaaagtt aatgggctca 85680 gtcttgccct ggtctcctgt gggtaattac agctgctgag agttcaagag ggtaactgct atgtcgatct tagaggatgg tgtttctcaa aaaaacccac ccactacaaa ttatattttt 85740 85800 ttcttgctta tgtggactag agacattatt ttagataaac tatagatgta ttatttaaaa 85860 aaaaacttta aatagttaca aatctcccag gaaagtataa aaagatatga cagagagggc ctggcctgtg ttcccgttgg caagttccac catggccaca caagggcaca gaaccttgac 85920 85980 actggtctaa aactgtgttt aaggttctgc gacaccatga cccagaaggc ttcgacagaa ggattattgt gaatcggagg cctgtctggt ctacatagta agtttcaggc cagcctgggc 86040

tatgtagtaa	gactctgtca	aagaaatgaa	atgaaaatta	aacaaacaaa	caaaaaaacc	86100
caacacatct	aaaatttgca	tatcgtgcta	tgtatctttt	gtcctctaga	tcttccttcc	86160
ttccttcctc	ccttcctccc	tccctccctc	cctccctcct	tccttccccc	cctactcctc	86220
tctctagaca	ggtttctctg	ttatagtcct	ggctgtcctg	gaaaccactc	tgtagaccag	86280
gctagtctgg	atccacctgc	ctcttcctcc	caagtgctgg	aattaaaggc	gtggctagat	86340
tgtattttct	gagaattcat	tgctcttagc	ttgtgctcat	tctcttggca	tttttttta	86400
attgatttgg	gagactttat	atattcagca	taataacgct	tttatgggtt	agtagaagtt	86460
gcacttgctg	gccctgcccg	ttttcagcac	tgtgccccta	aacctgaccc	aaccactgtc	86520
atgcttttta	aaaaaaaaaa	aaattattag	atattttctt	aatttacact	gtcttcatgc	86580
tttacagtgg	tggcttccat	gtcaattccc	actcgggcct	gatttagcga	tatcattttt	86640
tccttaccgt	gaggtcctac	aatcattctg	tgaatatgta	gaatatggat	ttccttttct	86700
ctttctttcc	agatggagaa	gcgcctgacc	tagtatgatt	cactgaacag	ccgtgtgttt	86760
tccctgctgg	ctttttccac	gggcatgtgt	ttgtcatgcc	cttgacggtg	ccctgtgctg	86820
ggttagccaa	tgccatggct	ttaggataag	ccttttggtc	tagtgtggcc	aggtgccttt	86880
ctgttatctt	agtgatttct	ggttcttgat	tctttagtat	gaacgtaaga	actaacttgc	86940
cagataccac	aggggaaact	gtagatgtta	actgtagttt	caatgcggtt	gtatttactg	87000
gaaagtattg	cccatgttgt	gtcttgtcat	ttacctctct	gtgttgtggg	tcgatctaac	87060
ttgactccat	ctcagtcacc	ctttgttatg	cctgtctgcg	aattccccac	agttttactg	87120
ctattattaa	tggacacttt	ttaaaagtta	tgcccttagt	tatctgtatg	tacatgataa	87180
tacataataa	tgtcactgtt	aatttggcga	tattaatttt	tatctaggta	ccttgctgaa	87240
ctcttaaatg	gttctaagag	ttcacacgag	gagtctggat	ttaaagaaac	acgatgaaca	87300
gttttattgt	aagttccccg	caaacttttg	aatctgagct	tccatttact	gttttgtata	87360
tatgcagggt	taaaaaaaat	aaacatggat	acccattctt	ggtacattat	aaagtatctt	87420
tattcattaa	cttttttcc	cccttccctt	ctcccttttg	ctctggcccc	actcgctctg	87480
ggcccccgca	ttaactttat	tattattatt	attattatta	ttactaactc	tcattccttc	87540
ttctattaat	tgtcatggaa	aatttaaaag	ttgacaacga	aaattttaaa	tatgtaataa	87600
aaatttaaat	ctttgaaaaa	ttaggaacct	cacattgctg	atgacctaat	tagcatgtgg	87660
ctttctagtc	acgtgagtgt	gtgactgtgg	actgagacac	aggacaactt	ataaatctag	87720
ggatacaata	agaaagaata	ataagggggc	tggagagatg	gctcagcggt	taagagcact	87780
gactgctctg	ctcttccgaa	gatcctgagt	tcaaatccca	gcaaccacat	ggtggctcac	87840
aaccatctgt	aatgagatct	ggcgccctcc	tctggtgtgt	ctgaagacag	ctacagtgta	87900
cttacatgta	ataaataaat	aaattataaa	aaaatcttta	aaaaaaaaga	aagaatgata	87960

agaatactgc	tagcacatct	atgcatgtgt	gtgtgtgcat	gcgcttgcac	acacacacca	88020
tttgttaata	tgtaaaatca	tgtgagatat	atgttattga	catgaagaaa	acatgaaaat	88080
gaaaaatcaa	atttgggaag	ttactctata	ttttgagtaa	ctatgggcgc	ttctgattgt	88140
ctactggtca	tgcccatgaa	tctattccta	actagagtct	caggatagat	gataggcctg	88200
taagagatcg	tggagggatt	atttcaggga	atggacatct	ctgatagatg	ctcagttccc	88260
aggacagcgt	aggcccccac	cagatcttta	atctggaaac	taggaacagg	cttccctaac	88320
aaggtgtgag	cagcggtgac	agtgaggaga	ggagcccatg	aaatctggag	gcccatacta	88380
ctcatagcca	gggtgtcagc	cagtcctctc	attgaaacag	gaaacgtcta	acactagctc	88440
ctcctgaagg	gagtctctca	agggcctggc	tggtcgcatt	ggaggggctt	gtgtttccac	88500
gggtgttcaa	acttcgttgg	agtgaggtcc	aggatgtggt	ctgaaccaag	aggctctcgc	88560
caggctcttt	ggttctccac	cactgaatct	acttggtcga	agacccgagt	catagctctt	88620
ctcccaagct	atgcaaataa	acagtgtgtc	ctatttttag	gacgtcattg	ctaacaaaaa	88680
tagctcgaaa	cccagacatt	tgaatgtcag	cagacttcag	ctttaagacg	ctatcctgtg	88740
gcagccatgc	cgggcgatgc	tgacattttc	tcgggggtcg	ttgtttgatc	ttccagcata	88800
ctcactgttg	tcgtttctgt	ttccatttag	gaaaaccaag	gctcggaaat	gttaggtgac	88860
ccgccccaag	tcagcctttc	acaagcagag	cccagggtgc	tctgtgagtc	accagccgga	88920
catcacagct	ctcgatttcg	aacatatttc	cttcccacct	cgccacattc	catcttgaca	88980
ctggtaacgg	gatgttgtta	ttacatggga	ctcggtccag	tttcctgaaa	ggaatttagt	89040
tgctacatta	gattcgagtt	acataatcag	gaaatcactt	atccttctta	gcgtcttatt	89100
tgctttatta	aaaaagccat	tggaggggct	ggaaagacgg	ttccgcagtc	aagagcactg	89160
gctgctcttc	cagaggacca	ggcttaattc	ccaacgctca	catgacagcc	cacacctgtc	89220
tgtaaatcca	gttccagggg	atctgacacc	ctcacataga	catacaccct	cacgtaggca	89280
aaacaccagt	gcacataaag	taaaaaacag	ttatatatat	atatatttt	tttttttt	89340
aaaaaagaaa	cccatttgta	aagaaagaga	aagtggaaag	gaaagaagaa	ggaaaagaaa	89400
agaagagtag	gagaagaaga	agaggaggca	tcaaatttct	gttcattaag	ctcatttcat	89460
tgcgttcttt	tttacagaga	gactcaagac	attttttcca	acatagcatc	atctgtggca	89520
attgcttggc	aatttaaagg	gctcccagga	actgcatgga	acagtcttag	gacatgcaat	89580
caaacccatc	agactctggg	caagctccac	cagaagagag	gctgcctgcc	cctcgccgat	89640
tgctttaacc	caagttaaaa	ccaagcttgg	gatcccatgc	ttgctgagat	gattgacggc	89700
tgtcatagga	gaaactacat	ctgggaaatt	tctcgccagg	atctactgat	ctcacgtcga	89760
tggaatatgg	agaacaaatg	ttggtttggt	ttgccaagca	aaagcacagc	gagcacccag	89820
catccctgtg	aatgtaacac	acatagtttc	agtttggcat	ctctccgctg	gagtgtggta	89880

ctgtttcctg atgaggttcc gttggctgca aaagcttcag ttactttgtg gcatggtgga 89940 90000 agaagaatgc ctcactgaat gcctgcaccc gggcttggct caaacagctc aggaaacctt acctgttcaa ggctcaattt ccaaacactt ccttttcttc ctgttcttct gaactggaag 90060 90120 attottaaaa aaaaaaaaaa aaaaaaaaca actaaaattg gatttoggto actgttgtto caggacagat gggaatgtga taatactgtc cttgcatgga tagggtgtag gtatatatga 90180 90240 aagaaggcat gcctctttaa aaattcaata tgccagtgat ctgcattttt atcctctaga 90300 acaacagcaa aaggcgttgt ccaatctaat atttatatgc ttgaaagttc tcaaatgatc acatatcaaa attagctata gtgactataa ttaaaagcag tctcagctgg gtgtgctggc 90360 90420 acggggctgt gatgccagtt acttgggaag ctgagtcagg agtgttacaa gttggcaagg 90480 gtcacaaggc ttgcccgggc tgcagagtga gttcaaaatcc aggctgggca gcttagtgag 90540 accatgtctc aaaataaaaa gtgtgaaaag ggctgggatg gagccctgtg ttcttaccta 90600 gcccgtgtga aatccaaggc tcaatccgag atagggaaga aaaagatcag acacattttt 90660 aaagtaatga cgggtacaaa gacaaaggtg cctgcgttca tctgggccaa ggtgcaagct 90720 gttccctcat gtctccttac tcacaggaca ttgcccttgc actcctggcc caagatggct 90780 cttgattett acattgetee etttegeega getatgetea aatgeeaage aaaageaact 90840 taagggaagg agggtttgtc tcatggttag agagaacagt cagtggagtg gggtgggagt ggaggaatca tgcagcagct tcagtaggaa gcagagggag gtgaacgctg gggttccact 90900 90960 catcttctcc tctttgttca gtctagggcc atagtccagg ggttgatggc atccacaatt 91020 tggggggtgg ggtgggtctt ccccactcag ttgagccttt ctgggaacac cctcataaac 91080 acacccacag gtgttgattc taaaactcgc ccaattaatg ggtttgatga acattgacca 91140 ttttccattt ataaccttta aatgttgctc acattgcttt ggccaaaatg ggatcgccca agcccatctg accgcaaggg aagttgggaa atgtagtctt tgttctgcac agccatgttt 91200 91260 gaccaactat acaattaggt ttctagggct ggagagatgg ctcagttacg tgcctttgag 91320 ccaatgtgaa ggtgcgagtt tggatgccca gtaaacatgc aaaagttggt tgtgactgta tececageae tateagggag gagaegggga gaeetetgaa geteeetggt eagetagetg 91380 agcagaattg gtcaggtaca ggttcagtga aagacctgat ctaaatttta aggtagaaag 91440 91500 ccattgtgga aggcacacag tgctaacctc tggctttcta tatgtgtgca cacatccaca ggaacaagtg cattgcatac atactcgtgc acacacatac acacaccttt caactttaat 91560 91620 tctaatagaa ggagactcct ctgttgtcac ttggagccac ttagacatct gtggcttcta tttatttccc cacactagga gtcaggtaca agtgaaccca ttcatcagtc aagaaaaaga 91680 gagatcaagt tacttgctga gggaacacag ctagttcttt gtgagccttt ggggtgtgcc 91740 tttacttctg ttccctttgt atgttgtgtg tctagtttcc tgtgtgctag cactggaatc 91800

ggggtggaga	tacctctgct	ttctcggggt	tgccacagca	gactggtacc	tcatttcacc	91860
acaccactta	agaacaggtg	tccaggaagg	tgtcccatga	cttgccttta	gagttcaaag	91920
caagcacacg	tttaattttg	ttcaaggaat	tctgtgacac	ttattgagca	atgggtagta	91980
catttgagtg	ttgcttaatc	aaaactggga	accaggccaa	tcgacattct	taggtttgat	92040
tcagattata	cctgacttgt	ggttaggtta	gaaaacccat	cccccagac	tctcctttcc	92100
ttccttcctt	ctttcttcct	tcttatgtct	taccccctcc	tttttttc	ttgctttttg	92160
atacaaagtc	ccagatatct	cagggtgacc	ttgaactcac	caaatagcca	aacatggcct	92220
ggattctgat	cccttgttct	tcatctccca	aatattgcta	ttcagatgtg	tgccacctgc	92280
cctcaaaatc	tttttaatta	agaaggaaat	tcttccaagt	acttgggagc	tagatgcagg	92340
ataatcaaga	actcagaggg	ctatgtaggg	actttgaagc	tagccttgac	aaaagaagag	92400
aagaaaacct	ttattcatta	tttctataat	ttttttccag	aggccaatgc	tgacacaaag	92460
acaatctctt	aaggtggcag	attttctaga	aagaatttta	ttttaaggag	gaaaagaaaa	92520
aaaaacacca	ttgaaaacag	atgttgttct	tctacgtcat	ctaaccactg	gcatcttcca	92580
tggagcaaaa	tttggcagga	ggttttggtt	ctgggttccc	caacccccag	agcacaattt	92640
ccaacagatg	ctatgcactg	gaaacaaaat	ttaaaacagg	gaaacctggc	ttgtcaaagt	92700
tcaaatctga	ggttttccaa	gtttgtgttc	cagatccaga	ggacataccc	aaagaggaag	92760
ccatttgctt	gattcaggcc	cagggtcagt	tgagccactc	acctttggca	gcaaaaccca	92820
ccaagatgtc	aaaaatattt	ataaccaaag	atgctaattt	aatgctgcat	taaaaaataa	92880
tgttaagaat	aattgtgatg	agcaaatgcc	atatctaaat	ttttattctt	aaatttttca	92940
aaagtgtata	aagtgaaata	tgatcatatc	ccctgctact	ttttcctcca	atttcctcaa	93000
atcacccagc	acagccagaa	cccaatttca	tgtctttttt	ttttttttt	ttttaataac	93060
ccacttattg	gaggagggtc	tcgtgccccg	tggtgtattt	agacgctgac	ttctgtccct	93120
cgtgatctgg	ttacattcgg	gatgagggca	ttgtcatgaa	tattgaaaaa	tctcctgtat	93180
caacgtagtg	taaagactgt	tccccaacta	cctctgattg	gttaataaaa	ggttgaacag	93240
ccaatgactg	gccagaggag	attgaaaggt	tggacttccg	gtcccagcca	ggggtctcag	93300
aaaagagcca	ggaggagccc	cgaggcaggt	gaggaggtac	aggaggcagg	tagaagaaga	93360
ggaagaagaa	gaaaggaagg	agaaggggga	agggagggg	aggagggaga	agaagaagaa	93420
agtcagcatg	aggttggtgt	gaggtgcagt	cactaaggga	gttcgacttg	aggactctcc	93480
gagggagagc	cctttccctt	gtctatgctg	gaagtttggc	tggcttaatc	ttactcacgt	93540
cttgtgttgg	tgactaaagt	caccctgcgt	tcatgagctc	tgctcatgta	aagaccagaa	93600
gcttgccctt	cacagcattc	ctccccttct	ctggctctta	cgttctttct	gcttatcttc	93660
cacaatgctc	cccgagcctt	cgggatggtg	gtggttgtga	tgggtgtgcc	gagaaagaca	93720

tcccatttag aactgagcac ccagccctct attaccgaca cttggaccag ctatgcattc 93780 93840 gcacaccaac tgatgcctac tgcaaaatga agcttctccg accacagttg agaacagctc aggtctatgg gtaaaagtga aatatttagg aagcagtttg acaacacgac catagcaaac 93900 93960 taacaatagc aggttctgtc ccgtttgaaa tgccaagatt tgaaataaag taagagccgt 94020 ttgtttttgc tttgctgccg tctttttgtg tgatggaaac attaatttct cacgaggccc ccaagctcct ggtccccaga tttcacttct ctcagctgga tgggttatag cagttacagc 94080 94140 tgtgtggata cattcattac ctacatacaa ttacagctgg ttggtgtggg ggctttatac ttatccacct ctttgataga gccttaattt ttctcactga cttcaaaata aaggaagctg 94200 94260 tttggaggag tgtatagata gcacatattt tcccattgct tcgggcttca acatggctcc 94320 acaatggcgt tcaagaccct cgtggtgggg atgtagctcc cagttagaac acttatctaa gcatgtgcaa agacctgagt ttgatcatct gcaccagaaa agtcaagtag aacaaaaagc 94380 94440 aaatctccag aaaactcatg gttcattcta gctgatctgt gattcatccg ggttcgaata 94500 ccagggctgc atcttactct ctgagtaccc ctgctctctg ataccagggc tgagtcttac tttgcctctg tctcccttcc atttttgttg aacttcccag ccagctccct cttctacttt 94560 94620 cctgtcttct gctgagtgta tgagacttgc tgagtttaac caggggtgct cacaggctcc 94680 ttcccagcag ccacagaact aaaatgccca accettccct ctccagagca acctgaacet 94740 gcaattcagg gagggacaaa gcctcgtgag tactccccca ccacaacatt ttgttgttta 94800 taactatcca gactgaggag tttggtatca gcagcaggat gacacgaggc atccaggtgg 94860 aacagattgg tgatgtccta tggatgtcca tacctgaggt gtgtgctagc taactttata tcaacctgac ataagggtaa agccacgaga gaggaaggag cctcagttga gaaaatgcct 94920 94980 ccataagatg ggttgtaggc gattctgtaa tagagcattg tagctgaacg aaataattaa 95040 95100 tggctttgac cattactggg gagtaacccc taatctacaa tctacttttc taactgttgt 95160 gctgactacc tececageag tgtaceecag gtacttgetg gtteteetgg ecetgtgete 95220 atggtccatc tccactcatg gcagctcccc tcccctctct gcaatccctt accaggtaac 95280 tccaaaccct gtctacctct aatccctcca gtaattggct gtagctgttt ttatttaaac 95340 tgtcatttta aattaaggaa caagatttgt acagccacag tcatctattg gatggaacaa 95400 agggccccca atggaggagc tagagaaagc acccaaggag ctgaaggggt ctgcagccct 95460 ataggtggaa caacaatatg aactcaccag tacccccaaa gctcgtgtct ctagctgcaa atgtagcaga agatggccta gtcagccatc attgggaaga gaggtccctt ggttttgcaa 95520 95580 attitatatg ccccagtaca ggggaacacc agggccaaga agcgggagtg gggagggtat 95640 aggggatttt tgggatagca tttgaaatgt aaatgaagaa aatatctaat aaaaaaattt

aaataaataa ataaatat	tt gtacagcaaa	agccagtgaa	agtgagaatt	cactcttagg	95700
caactagacc ttcaggta	ca gaactcagaa	ttataataca	aaacagcaga	ccaaacaagc	95760
ctcaagagaa cgttttct	tg attagtgatt	gaggaaggag	agcccagctc	atagtgggta	95820
gggcaaaccc taggctgg	ta gttttgggtt	ctataagaaa	gaatgctggg	caagctagta	95880
acaacatccc tccatggc	ct ctgtattage	tcctgcctcc	aggtttctgt	cctttttgag	95940
ttcctgtcct gacttcct	cc attgctgaac	agtgtggtgg	tttgaaagaa	aatggtctcc	96000
taggctcaca ggaagtgg	ca ctattaggag	gtgtggcctt	tctggagtag	gtttggcttt	96060
gtcgaaggaa gtgtatca	tt gtgggtgggt	tttgaggtct	cagatactca	agccaggcca	96120
gtggctaata gtctcttc	ct gatgcctatg	gatcaagatg	tataatttgc	tgttgcccca	96180
gcaccatgtc tgcttgca	tc tgccatgctt	cccaacatga	caacggacta	aacctctgag	96240
ctgtaagcaa agcacaat	ga aatgttttcc	tttataagag	tttctgtggt	cgggtgtctc	96300
ttcatagcaa tacaaacc	tt aagactaaca	gtgatatgga	agtgtaagcc	aaataaactc	96360
ttttctcccc ctacttgc	tt tgatcatggt	gtttcctaac	agcaatagca	accctaacta	96420
agacaggttc catttctg	aa ggtcaaggga	tattcaactg	tcagctccag	agtttctcat	96480
cacattgtga agctggca	tt atagtcccca	ttttacaaac	aacaaaacta	agactcagga	96540
tggattagta atttcctt	ga agtgtttcta	agaagagttt	caaacccagg	tctgacacca	96600
cacagtteet cacteeee	tc cccactcccc	attgttaact	cacaaaggag	gtagtttttg	96660
gatgaatctc ttcccagt	tt ggaggtgaac	gagttcccca	gggagacagg	cttcaggcca	96720
gttctaagca gatctaca	gt ggatacagca	gggtccctgg	gtgaggttag	ggtggggtag	96780
gatttcttgg cagatctt	ct tacaagtaac	tttagaaatt	aaaaaccaag	aaaatgtcaa	96840
gatgttattt ttgctttg	ca gagtgtgtta	ttccagcatt	ttttttgtac	aatcaaatat	96900
acaaacacaa gccaccta	at tgtctattaa	aaatatttcc	ttgtagagga	attttaatcc	96960
agcaacatga ctgctctg	gc aagggatcac	atccagagac	cttctaggtc	ttagaacaca	97020
cctttaatca caaacaat	aa aggcaaagtt	agtttgttga	agaaagccat	gtttgagagt	97080
gacatctaac tgagggtc	ag acaatgtgac	cctcagagaa	agagttgaca	gaatgagtca	97140
gagatagata tgcccaac	tc tcatgagaac	agcacaagaa	agagagacta	cttaaggcat	97200
cacagagtga gttcagtt	tg tgaagggaag	gagccatctt	tccagtagat	caattcagta	97260
agaagccgag agaagcca	gt ttggatcagt	cagcttggag	agaagtttga	gccagaaaaa	97320
ctgagctgaa tgagccag	cc agagttcaga	aagagcaaga	aatagtgagt	ttaatcagca	97380
atctccgaag ctgaacta	tt ctaggcctag	attagtatcc	cgagcttttg	ttcccaccgg	97440
aaagaacatg ctcaggac	aa ccggaatctt	ctgcggcaaa	agctttattg	tttacttctt	97500
caggggccag agagagaa	tg gcaaaacccc	gtccctttta	aggagaatta	tcctccgtct	97560

aggacgtgtc	gctccctgat	tggctgcagc	ccattggccg	agttgtcttc	acggggaagg	97620
cagagcacat	ggagtggaga	actaccccag	cacatgcgca	gattatttgt	ttactactta	97680
gaacacagga	tgtcagcgcc	atcttgtacc	agcgaatgtg	agggcggctc	cccacaggtt	97740
agcagatgga	gccttcaagg	tctcagctgg	cagaagatta	ggttgtatgg	aggctagaag	97800
cttccaggcc	tagggatagt	tagtacagag	aaggaaaggc	tctgggctca	gcccaaattg	97860
tgtattcaca	cagcttgtat	attgctctca	tctcaccact	ccatctgagg	aaataaaagt	97920
gatgtttgca	tttagagtcc	tattttatta	ctgtgtgatt	gttaactgcc	caaagagtcc	97980
taatttatta	tgatcctgtt	atgtacaatt	ttacttgttt	tgtagtacac	caaaggcagc	98040
attgctgagt	aaatacagaa	gtaaacacat	cataatggtt	tattcaattt	gttccaaaga	98100
cttatactat	ttgtgtgtgt	gtgtgtaagt	ttggaatttg	ccttgatatg	gcatttatag	98160
cgattatttg	aaggcctagg	taagacagtt	gctccatctt	cctttaaaac	catccctctg	98220
ctcagagaac	tgcttagttt	ggtcatcaac	tagttacagt	ttcaactcaa	tgcctggtca	98280
gggacgctgg	cttttccaca	cagtcctggg	ggatgctact	ccttgaatct	atgatatgct	98340
ggagatgctg	tgagaacctg	gggtaatgcc	tgcctggtgg	ggctgtgata	ccaatgaacg	98400
tgagtggctc	aagtcctgag	catgtgtctg	gtatgtgctc	atgggtagtc	ggtcaatcaa	98460
gacctgccca	tcttaagtga	agcagagccc	gttccctatg	tgaaacccaa	cccttccctc	98520
caggetecat	attggtttct	atttgttttc	cagccccatt	tacctcttct	ttggaacacc	98580
aatcacattt	ctgtttattt	tatatcaatt	tecetectet	acctgagtgc	atgtcagtag	98640
ctgatcagac	ctaccctcac	attaagtgct	tgcttttgcc	tcagttgctg	cagtgtagcc	98700
ttaggctgcc	tgcctgcctc	cagtgctgaa	gagagctgcc	ttgctcagta	ccacagttct	98760
ttcaatggct	gaatcatggc	tctgaaagac	cagccatcat	acatcatata	tgtctataga	98820
cacatataca	tgcatacata	tatgtatgct	tgtttgtttt	tggacagatt	ctcacatcat	98880
aaccttgact	gtcctggaac	atgctatgca	aacaaggctg	gtcatgaact	cacagacaac	98940
cacctgcctc	tgactcccag	gtgcaccacc	acacccagcc	taagtgttct	ttatgattat	99000
ttcatattct	gcactgccct	gtgctcaatc	ttgcttcctt	ctctttcttc	tatggaggta	99060
accctaggac	tattccctaa	gagtattccc	taggagtatt	ccctgatgca	gtgtttgcac	99120
tggctttctg	ggaaccagca	tgtgccacca	tgcccttgga	catgactgtg	tttggccgtt	99180
gtgcacgttg	tccagggtct	ctcagagtcg	ctggcagtgg	gtgagaattg	agctgatgaa	99240
tcaagagcag	ctgaaccttg	gggaatttct	gcttctgtcc	tgacccacct	ccttctgcac	99300
aggaactctc	tgagcttcta	tcctggagtc	ttagggtttc	cactgctgtg	aagagattcc	99360
atgaccaagg	caactcttat	gaaggacaac	atttaattgg	ggctggctta	cagggtcagt	99420
ccattgtcat	ggcggcagga	agcatggcag	catccgggga	ggcatggcac	cttaaggagc	99480

tgtgagttct gcatcttgat aggactgcag ccaggagaga ctcttctgca gatagccagg 99540 aggagggtet ettecacaet geaeggaget teaaageeea eetgeaeagt gatacaette 99600 cccaaagaag gccacacctc ctctaacaag gccacacctc ctctaacaag gccacacctc 99660 ctctaacaag gccacacctc ctctaacaag gccacacctc ctctaacaag gccacacctc 99720 ctctaacaag gccacacctc ctctaacaag accacacatc ctaaaaagtgc cacattccat 99780 ggggcaagca tattcaaacc accaccgg gaatttattt cctcctcttc actcatgtcc 99840 acattcactt teteagteec ettteeteeg teettgteec eetteetee catetteete 99900 ctcctcctgc tcctcctgct cttccctttc ctcccttttt gtggctctga tcctggcagc 99960 tgaggagaaa gtctgataaa actggctgag ttgggaacag ctcagtgagc tgaggtgtcc 100020 ttaaccccag catcttccct ttgaagctgg tgtggacctt ttaaaaaccg tgctgctctg 100080 aggaaatcaa tatcccaagg tgctgcttgc taattgcatg gtggcctcag agggtgtttt 100140 ctcattctga atgagaagaa agaacccttt aaagcaacaa ctctcctgta taaacagagg 100200 gaagagagaa ccctcatttt aaatccttgt gaaaaatggc ctctttgttg ttaaattttc 100260 atcctcagaa ctgccatcct gctgccagcc tagcgttgag ggtctttttc aaaaagctcc 100320 ttctacctgt ttcagagaaa gcaccaggct caattcggaa ttccagaaga atttgagacc 100380 tggacctgag tgcctgtgag gctgtgtagt atctccagac tcatctgccc ggcaggcacc 100440 gctaatcatc ccatgcagtc tatatggcac tccatgcatg tgagcacact ttgaatactt 100500 caaagaatgc tgaaaagaaa ttgtcactcg atcctcagtt aaacagggct tgaaagataa 100560 ggttgatata aaacaaataa aaagtaagaa ggaaatagac ttcaaggcca atataaagtt 100620 ttagaaagta ttatttttca ttttggatgt ttggccattg tctgtagcat gttgtttttt 100680 ctctagaaag cgctagtaga ccccacctag attcctttgg atccacagat aacaacaaca 100740 acaacaacaa caacaacaac aacaacaaca acacacaca acacacacat gtgccagtta 100800 atcttaaaat gcctgtgcta acccaatgac tgggcactcc taaaccttcc ctgctacctc 100860 aggeataate ggatagagtg geeattagee acteeaacea aaaacteaca tggeecactg 100920 gcatcatctc cttttcttcc ccagtttaac tgattctctc tgcacccccc tgagcaactc 100980 taagtgtccc gcccagtgct cagtaattgg tcgctgttat ctttattgat tgatcaagaa 101040 ccaattgggg agcaggacct tagcatgagc cccagtggtc cctggtagct acacaactaa 101100 gaataaaaag teettgteat ggettetgtg taaaacagee tateetttte atteatteae 101160 tgatacaagg cagacctggg gagacgcctg ctctgtgaac cacagccttg agatgctgtg 101220 gaagetggtt ettettetge tactetttag tetgaggeat ceatggetea catgeatece 101280 tattttctcc aaacaagtga tgctctgaga atggacacta ttggggaaag tctttcattc 101340 actcatctga acatagagaa agcaacatgt tctcagcaca gggcagtttt ccacagcaaa 101400

ttggcctttc tcttttctgt agaaggcaga tgggtgaggg gccaaaagag gctccaaatg 101460 gctgcctttt taatgagaat agattataaa atccttataa tagttagggt atgccaaagt 101520 cttagaattg ctttatgatc agatgtgagc actcaagaat ataaccaacc tctcattaga 101580 gatgcatgga tcgtggtaaa gagttttgga acaggaatga gcttttcaaa agctttaagg 101640 ctcaggtata gccattttct ctcaggataa gctttatatc ctgtgtgaaa cagtgagctg 101700 tgacatgtgc taacacatgt gcgagtgcac acatacacac acacacacac acatacacac 101760 acacacaca acacacaca acacacacac aaccaacatc acaaaaacaa ggagacagat 101820 actgtgtctg acatgatgtc tgacatgatg cttctaccat gaagatggta agaccataag 101880 cttgacactt tgtgtgtgca tctctctgtg tgtctctgtg tgtctgtgac atacctgcat 101940 gttgacactg gatgteteet ttgactgeee teegetttat ttacttgggg caaggtetet 102000 ctcactgaac cttgagcgca ctgattctgg ttagtctatc taaccttcct gcatagtgga 102060 teceetgtet eeceecagaa gettggatta eactegaggt aaaatgeeca ettgggtttt 102120 atacgggtgc tagggatcag aactcagtct tcaaggttac aggacagcac tttatctact 102180 gaggccatct ccctatgcct aactctagtc ttagtttttt tctgaccctc tgtacttcca 102240 attgatgctt tttaaaatgt gaaatgatgt tattatccca ctcaaaactc ttccatggct 102300 cctgcataaa acgaagctga catggttgct taaatagtca gcttgacaca tctcttggga 102360 gagcctccat gaggggtagt ttagaccagt ttggtccatg ggtatgtctg tggagggtca 102420 tettgattte ettaactgat geagtgttgg geectatttg geettggttt gggeettgag 102480 gacaaacttg agcctggctc gattttcaag acctgtcatt cgcttgagaa tgactcagca 102540 tgacctaccg acctgactga gcctgcctct gcctatttac cgctgatgta tcaatttctt 102600 acaggeceeg tgagateace ecacaceet egteatetea caccaceeaa taegteatet 102660 caccccacac ccctaccccc acctccttgt cttctctata taagcgagtg cctagtttaa 102720 taaaataagt teeegetttg acaegggeet ttgacaegea geateeeact caaceecaga 102780 gggactgggc tggaccgggt tctctctct cccctggacc tgctggcaga gaaccaacaa 102840 cataggagcc tgaaaatagg tagcaacatt ccttgaattg gggtcccaga ctctataaga 102900 gaaagctgac tgagcaccaa gcttaccatg ttcatttctc atgtgttgta acgagctgct 102960 tcaaggtcct gctgccatca ccagcattgt aaagtaaaat caacctctct cccctaagtt 103020 gatcttcatc aggatatttg tgtgtgtttg catgtatata tgtataatgt atatgtgtat 103080 atatgtatac atgtatatat gcatacatat atattttaac cacagcaaca gaaatgaaca 103140 taggacagca gcctccttgt ttggccatga actgagtcag cccgggtatt ttgggttgtg 103200 ccaatttcac tcctagaata aacatatgaa tttgactcgc atgatcaggc atagtttgat 103260 tccagagcac tgggaaagac aagctcataa ctaccatgag ggttgctgag aggtcttaca 103320

cgcattcacg accggccagg aagaacacag caaaccagaa tcttctgcgg caaaacttta 103380 ttgcttacat cttcaggagc aagagtgcaa gagcattatt gcttacatct ttaggagcca 103440 gagegeaaga gageaagaga geaagagete tattgettae atetttagga geeagagege 103500 aagagagcaa gagagagaat ggcaaaaccc cgaccctttt aaggagaatt atcctccgcc 103560 taggacgtat tactccctga ttggctgcag cccatcggcc gagttgtcgt cacggggaag 103620 gcagagcaca tggggtggag aactaccctt ggcacatgcg cagattattt gtttaccact 103680 tagaacacag gatgtcagcg ccatcttgta acggcgaatg tgagggcggc tccccacaga 103740 gaggcaggat gcaaactcag gcctcaccac caccttgtca ccccaagtga tgacaagcaa 103800 agctatacta aagaagggta agcagtcact ctcagtgaca tcatacagtc atggctgacc 103860 cctgattcct acaagaactc attcatcact aggtggactt agtcagggca ttctagaaca 103920 agaccaatag agtgaatata tgttacaaag ggaatttatt agggtgagct acatggtatg 103980 gtatccgttg tctaacaatg gttctctgta ctctggaata gctaagaacc tcacagatgc 104040 tctgtctatg agactggatg cctccgtagt tgcaatctgg tcctgaaggc tggaagattc 104100 ctggagggct gctggccttc gttctgtgtt agaagtctga agaacccgga gttggatgtc 104160 agcgaatggc agctgaagtg gcagatagct caagtgacat agcagatgca gtcaccagtt 104220 agaagtgaag gcgggtcctc aaaagcagcc ccacttcccc ctgggatttc tttatggcgc 104280 tgccactcaa aagtgggaga gtctgtccct aacagttaaa cctagaaaat atcctgtcag 104340 atgggcctag agacatgtct cttagttgac tccatatcca attaaggtgc caatcaagct 104400 taaccatcac attgcatttt ctggatgcat tcccaaacta agtgtctgcc accttcgact 104460 gactgactgt aagagttagc ttgaaagcca gcctctttcc tcacagttgc ccaccgaagc 104520 cttctggaga gtcctctgat tagcccaatg ccatactttg tcccctaaca gaacatagaa 104580 ctggaatgat gggtaaggat gtgtgtatgt tctggggacc agctttgagg tctcaaggag 104640 aggagtaggg tgaagggtta gagttgatgt gaagaagatg acattatcca gagcaaaatt 104700 ttcctgcttc ctgtgtgacc ctagctgcct aatgagtatt ggtgtagtac gtctgtatgt 104760 gtgtgtgtat gtgtgtgtct ttgagagagt gtatgtgcat gtatgtgtgt gtatatatat 104820 gtatgtatgt atgtatctgt aagagagtat gtgagcatgt atgtgtacgt atgtgtgtat 104880 gcaggtatgt gtgtgtgtg gtttgtgact gtgtgtatgt gagtgcttgt atgtatatat 104940 gagtatatgc tcatatatgt gcgtatgcga gtgtgtttgt gtgtgtgtgc ctgtaggtgt 105000 atgtatgtgt gtatatatgt gtgtgtgaat atatgtatat atgagtgtgt ttgtgtgtat 105060 gtgtgtatgt atatgtgtat gagtgagtga tagtgtgatg tatgtgtgtt tatgtgtgta 105120 tatgtgtgac tatatgtgtg tgcaagagac tgtgtatgta tatgtatata tgtgagtgtg 105180 tgtatgtgtg ttatgtgtgt gtatgtatgt gtgtgagtgt gtaatgtatg tgtgtatatg 105240

taagtatgta tatgtatgtg actatgtatg tacatatgtg tgtatgtatg tgagtatgat 105300 atatgtgtga gtgtgtatat gtatatgtgt gtgagtgtgc gtatatatgt gtgtgtggtt 105420 gtatatgtat ttgtgtatat gtgtattgtg cgtatgtgtg tatgtgtgtg tatgtgtgtt 105480 tggaggtatg tgtatgcaac tagaagctgg agatttttgg ttttgttttt tctagattaa 105540 caacacattt ttgcctgcat gggggaaaat gttgtaaggc agattagaac aaaacaagcc 105600 aaaagcagag ctaacgttgc cttcttgaca ccttatgact cacctaaggc atgctgatca 105660 accgcaggca tcagtaaacc ctgatgaaag gggccagggc cagttctggg gatctgggca 105720 ggcagtgcca tcagcatggc ttgctcatgc tttgagtatg actgccttac aacttcagtt 105780 ctccattgcg atactcagaa aacatgaaat gaaactgagg ggctttccct gctggcaatc 105840 ccattctgag gactcatgaa gacagggatt ttatagtcct gctggagcct ggggtcctcc 105900 ttcctccata tgcctggaaa gctcagaatc aagcaagacc aaactatggt ggtggaagtc 105960 aggagactgg ctaactttgt gggtgtaata gggacttggg gagggtaaga gagggctcac 106020 gaattettgg taatgetgaa tteteeaatg etgtgeaggt tacatagaag tgettagttt 106080 gagaggaccg gttgagttgc atatctgtga gtggcttact tgctctaggt gtggctcaat 106140 aaaaacatca cattatgtta aatgctgtta ttgtaggcaa ccatttgttc ctgtggtggt 106200 cttagaaaca aaatgaagcg aagttatatt taagaaaata acgattgaaa tgaatatata 106260 aaagtttaaa catatagtag tgtgttcaca actctccagg agtttcaaac actggttaaa 106320 aaaacaaaaa caaacctaaa gtgggaagta ggggccgaag agacggctca gtggtccaga 106380 gcacttcctg atctttcaga ggacctgggt tcaagtgcca gtactcacgt ggtggctcac 106440 aaccattcta tgagtccagt tccaatcacc tcactaggca tacacatggt gcacagacgt 106500 gtgcaagcaa gagggccggg gaggggaaga cacccgcccc tgcccttctg aagtcctgtg 106560 ctagcccatg gtggtgattt gaatcttttt ttttttttt ttttgtttgt ttgtttgttt 106620 gtttgttttt tcgagacagg gtttctctgt gtagccctgg ctgtcctgga actcactctg 106680 tagatcagge tggcetegaa etcagaaate egeetgeete tgeeteegga gtgeteggat 106740 taaaggcgag cgccaccacg cccggcgatt tgaatcttaa tgttccccat tagttcacgg 106800 attegaacat ttggtgeece agttgetgat getgtteagg aaggttatgg aaactttagg 106860 aggtggagcc ttgcttgaag gaagagcgtc gtcgtgggta ggcggggtgg ggttttatgg 106920 tgtggtccta cttccggttc tgggtatttt gtttactgaa tatagatgaa atgggattgg 106980 ccagceteat getectgtea ceatgeetee tgetecaata agttgtgeee cetetagaac 107040 aataagcttt tcctcggaat tctaagtcac ttttcgtcag gatatcctat tacagcatca 107100 gaaacttaat actcaatata aggaaatttt gtcaactcac atctccccca tttcacgggt 107160

acttgtgtag tttaaatgcc agtaatcccg gtttgaactg tagcaacgcc ctccactctg 107220 cgctatgtat aatccattgt caactcagca aaaattatat atttaaaaca cagaggctgg 107280 gggtggtggt acacaccttt gatcccaaca cttgggaggc agaggcaggc tggtctctga 107340 gttagaggat agccagtttg aggacagtca gggctacaca gagaaaccct ctcttgaaaa 107400 accaaaaccc aaacaagacc gagcaaacaa aaacctggtt ccaattactc cccaacctga 107460 agetetteag tittiteeet ageacteeaa gitaaattee aagatetgit eeataggeee 107520 ctgcaggcca ccattettea acceetactg cetetetgae cagtteecat caeactetet 107580 tggtctcact gctttccaac ctgcatggcc cacacccagt ctcttccttt tttcccatgc 107640 gtttgcgcac atgaacaatg ggtctcccag atctctgcac tgtcggctgc ggtttatcct 107700 tttgataccc agctcaaatg ttagttcctt aagtatcgtc tcccagccat tattggttcc 107760 acacttaata tggagagcac caggaaacat ggttcttggc taccttgtat gtggttgtat 107940 cagaacccca aaaagcagca gacagcattc ttaaaatacc ttaactgaaa aaggaaatta 108000 acaaaagaac tgcatacagg cacgtaggca ggcttaggct taagggaacc ggtaaggcat 108060 ggtgaggaat aaagcagcca tattactctg cattccatta ctataataaa atacccgagg 108120 ctgggtgaga ttataaagaa aagaagtcca aggctgagag gctgttgatt gccttgctga 108180 gagagtccag ggcctctggg atcataagaa aagatcccag gcataagcag tcttgtggga 108240 ctaagttttc ttaatatctc acactatcac aatagggatc aaatttcagc acatgaaccc 108300 ccccctgtg tgtgtgtgt tgtgtgtgt tgtgtgtgac ccaaatcata ttaagtcata 108360 acaagacaat gtctagagat gaggaactct ggaactgggg gagaggggtt gtggcaggga 108420 gcaagtgcag aatggctaac ttgcccatga ttcaccctcc tgtcagtgtt ttcctgactg 108480 aatgcaactg gaagccagag gataagggtg cagggggaat gtggctcata aatgccaatc 108540 ttctccagca tcctggggca cagcagagca ggaaagaaca accaatggac tggatggagg 108600 caagccagca gaaccagcca gttcctgctt cagcatatgc caaagagaag gtgataacta 108660 agtgagaaga caaagaaagc tgaagcaaaa gcagatatac caataggtgt ttcacaagcc 108720 ccgaggtggt ggcgcacacc tttagtctgg gcactcagga cgtagaggca ggcggctctc 108780 tgagttcgag gacagcctga tctacagagt tccaggacag tcagggctac acagagaaac 108840 cctgtctcaa aaacaacaac aacaacaaca aacaaacaaa aaaagtttca caagcctcag 108900 taaggtgaac gaaagtaccc tctacaaacc tgcagtcaga tgtgtggctc acaaccgtaa 108960 cttcagtgct caggataata agacaggagg cgtgccatga acgtgaaact agcctggtct 109020 acagtgcatt ttagacctgc ctgggctaca gatgtgaggc tctatctcaa aaacaacaag 109080

gggaaagcaa taatctttaa acctcacaga aattttacaa gatataacat cgaccccgtg 109140 tgtgtttggt taaagatcct gagacctttg agagtaacgg accccagtaa cgtggaattg 109200 tggagccaag actacaaatg aggccccaga tttttttcat tggaccaagc taaacatgtt 109260 according coccector cocgetetgg teattering anatytetgt etgettgeeg 109380 aatccctgag cagagtctgt ttcggcctcg gtggctttta gcctacatag ggtccacaga 109440 ggaaggcagc ttccgccggc tgaatattat agtgacaatc taacgccatt catactccaa 109500 tcaccaactg ttgctctcct tcatcgctat tgtgtagggt gtctagattt atttctattg 109560 tttgtagtca tgcatctccc gtgtgggtat gtgtatgtga atgcaaatgc ttacagtgat 109620 cagaggtatt ggattcaacc gggaactgga gctataacca acataagccg cccaacgagt 109680 gtacagggaa cccacctcat gtcctctaca agagcaggac acagatttaa ccatggagaa 109740 atttctctaa ctcttaattt taattttttt aaatttttta aataaaaatt gatataatat 109800 atattatatg ttgagcatat tcccctaaag cccctacccc ctcctttccc gcctcctgtt 109860 agtttcattt cttccccaag acagtttcac ttctgcctgt aggtcagata ttcatacatg 109920 atttcatgta tctataaaaa aaaaaaaaaa tccaggaacc acaaatgaaa gaaaacatgt 109980 totatttttt ttttctttct gaagctggct gaattcgttt aattggatcg tctccagtca 110040 tatctacttc cacacgagca gcgtaacttc atgttcccgt tgtgtagata gaccacactc 110100 tetttattea tgeetetgtg etgaettegt aateagetae tgtagaetag agetgeegat 110160 aaccacagac gtgcaggtac ctctgtgatg gtttcccaag tccctcaggg aaacacctag 110220 aagtggetea tgeectagtt agttgtttga gagaeetega taetgattge eteagtgaet 110280 ggaccagttt acetteetae caggggtata gaagagetee etttgteega atgtggeeag 110340 tgtttgctgt ttgttttctt gatgcctgcc attctgactg gctggagaca gaacgcagtg 110400 tattttaatt tgcagccatc tgtttcttta taatgtaatt atttaagagc accccagctc 110460 tttaaggett tggagaatet gggttttgtt tgteteetgt eacttegtet gaageaettg 110520 ggcaggcacg ggtcagtaca gtcagttatt tggtgtcttt taatgtttaa gaaaaactca 110580 cttagacggt acattgttac acatgcgcca caaacttgta cccttttttc tcccattgaa 110640 tattggacaa tgagtattta ttatccaagc tatataaata gcactttcaa aacaattagc 110700 atatatcaat tgtgtatagt catgagttca tgtctacaat gtacttggct cattttcacc 110760 ccatcagaac tttcttttt atctttcctt ttcccccacc ctaggtgtgc ttattcttcc 110820 caaataacat ttcttttact tttatgcctc aagaaagaaa accagactcc atatgtgagg 110880 gaacgtgtgt gatgattgtg gttctgagcc tggtctactt cacataatct gatgagctcc 110940 agtttcatcc attatcctgc gaatggtatt ttgttcttta tgactaaata atcaggtact 111000

ggcagcacac tttctgtatc acccattaat gggaacccag gcagattgct tcacctggct 111060 gctgtgaaca ctgccatggc acatgtcatt ggctctctca tagtaactct aggggtgtaa 111120 gttacttcaa gggatttttc tgttgctgga cgtttgacta tgcggcatcc tcattccatt 111180 caatatctac tcagtatcaa ggttgtcagg agcaacattt tggaggcgga tttctttcgg 111240 tggaattgct ttgaggagag ctgctgtctt cagggaatgc ctagaaagga tggttacact 111300 ccacagctgt aattacatcc aatagactca gcttgtgaat ctaatttgtt ttgtaagcta 111360 atccatcttg ttgtggaaga gttgaaagtg tcttctggta tacaccggtg gaagaatacc 111420 tttataaaac ccattcgtcc atctatcccc acccccacaa ccatccacct gcccacccac 111480 ccacaatcac cctaggacac taggtgaggg gaaagggaat agaagagaga ttaataatgg 111540 gtgaaaaaaa agatccaagt acattataga catgttctta ttaccatgta caattagtat 111600 atgctaataa ttttgaaaat actgtttata caacttggat aatataacta ctcatgagct 111660 aatattaaat ggaggcaggg gaagggtaca agtgtgtgtc acacatgtga caatgtatct 111720 tttaagagtg gcatttcgct gggcagtggt ggtgcaacgc ctttaatctc agcactttgg 111780 gaggcagagg caagtggatt tctgagttcg aggccaacct ggtctacaga gtgagttcca 111840 gagttccagg acagccagaa ctactataca gagaaacaac caaaaaaaaa aagagtggca 111900 tetetetggg getgtggtet tetecaaagg tgtaceattt caccatettt agtatagett 111960 tgtctattgg tgagcaagag ctaagtccag atgccattat gactgctcaa agtcccagtc 112020 aagaccacat aaattccatc attatgttga acattgtaga attttttgag gtatcaaatt 112080 gaaatgtcaa cttccattgt attgaaacta ccaaacagcc cctattagtg tcagaaaaat 112140 ccccttaaaa tgccttaaag catagaaagg gatgtgagaa ggattctgta ttggctgagc 112200 atccgtgcac atctggctgg aaaccgaacc attagtcttg caagcacaat gctctggctg 112260 agagtggtga agtctgtagc tggtggccct gctctgcttc agagtccact ccacttcttc 112320 ttactatgtg gcatagcaaa acteteagtt tetetteett aettteatta teaaataagg 112380 taaaagtttc atctccttta tagcctcaga ggcctaatta catttgtata cgaagactca 112440 gttcaagggt gtgttaaaca gagtgaacat ttgcagtatg tcttagcgtt tctagtgctg 112500 tggtaaaacc tatggtcaaa agctgtttga ggagggaagg gttcatttgg ctcacacttc 112560 cacataatag tccaccattg aagaacatca ggacagggca ggaacctgga ggcagaagct 112620 aatgcagagg gcatgcatgt atgggtgctg cttactggct tgctcttgca agacagttga 112680 tcatacttcg gaaccctgag attgtttcgt ttactggaaa aacctgtttc tagttgtggt 112740 gtggctcacc cttagcacac atctaaaatc cctttgactg caatacagac aggcctttag 112800 tgcacacatt taatcccaaa caatgaaggt aaagttaatt tgtagaaaga agcacccatg 112860 tttgaaagtg atgtctaatt gagtggcaga caaagtgatg aatcagagaa agatttgaca 112920 gaattagata tgcccaactc tcacaagtgg agagaggaaa gggaagccac ttgaggggca 112980 gtgcaggcag agagaggagg gttttttttt ttttattgag atagttgtac tgagacagac 113040 gattagaaca tattgccaag ggtagtttga ggccaagcag agcaaacaag tcagaggcca 113100 aaagagaagc tagattgaat ctgtcagctt ggagaggcat ttgagccaga acagctgagt 113160 tgaaccaacc tgtaagagtt cagaaagaat tagaaaaggt gagtttattc agcagcaagt 113220 ctcagaggct agaaacagtc tagtgctaga ttagactgta cagaggctag aagcttccag 113280 gactaggtct aggttagcag actgaggcag taagcctcca agatgacagg caaataaaag 113340 atactttaac actececatg geetgeteag etttaettet tatagaacee cagggteata 113400 agettaggga tgacagcagt cattatagge tecececate agecattaat caagaaaagg 113460 cctcacagag ttgcctacag gtcaatcttc tggaagcctt ttttcttttt cctcagttga 113520 gagtcacttt tactaaagga ctctagcttg tgtcaagttg acacaaaaca ccaacccagc 113580 acteteetta tetteaaage tittaeeett teeetgaaae aagtegatga ageagateag 113640 gtgttgaaaa atggccagtg gatacgttca tctcagcctg tagatattcc ttcagttaga 113700 accaatgcat ggaatcctaa agttgtatat agaagaccta gatttctgct ttttcttgaa 113760 aaacgaacaa aaaaggcaaa aaaccctcat gtgatagcaa caagctccag ccatgaacaa 113820 ggagagaggc aggtggatag gcttccaggc tgacatgcac ttctcagctc ttgggaacac 113880 actggctcct gctacttagc tatttgggac tcattcagct tataagaaag aagttgtcct 113940 ctctattttt aaactagact aaaagccata gaaaatgcat aatttattca aaccaacaaa 114000 ggccagtttg ccacatagta atcetttgac aaatgtcage teccagttet etgttttatg 114060 ggcaatttaa ggcataattt cttttccaaa atcacgttgt gctctttaga gaggcttgaa 114120 agtgccatgg gacctcacaa tttatagagt ttgaaattaa tttgaacctg ccattcgtgt 114180 ttgtgggcat gagtgcgtgt gtaccacagg acccacacga aggtcaaaag gcaacttttg 114240 gagattgttc tctccttcca ccatgtgggt cccaggatag aatccagtca ctaggcttga 114300 gctacagcaa acgettttat etgetgaget gttacacetg ceetgatage tttttacagt 114360 ggctgcagga gctcacagaa gatgctgttt agagggtgta cgaagatcct ttaggtcctc 114420 actgtggtca gatcacgttt ccccaaattc atatgctgga acttaattgc tagtctgacc 114480 ttatccagag atggggccac cagcaggtat caagtcagcc aagagagtgg ggctctcaga 114540 tgagggatgc agggaactga ttctcttttt gtacccctgg caggtccgcc atgtgatgag 114600 taacgattca gcaggaagat aaagaacggg ccttcatctt gacttcccaa cctccagaac 114660 tttgaaaaat tactttttat tatagattat tcagtctcag gtatttagtt ataacagaac 114720 aaatacacca ggtcagtatt ctcagacgat attcttgcca aaccaccccg gagtggttcg 114780 gaggaagcag accagggtgg aggctgcgga cactgcagac agtggctgaa aggggtttgg 114840

acceccatee caagacgtae agecageeet teetteteag cettttgeee aacgetgaea 114900 ggcaccgtga agggtacagt ttttcctgat gagaaaggat cagtatgaga attttataga 114960 ctccagcatc tgagatttct gcaatgatga gaataacaga aacagaggca caaccatgac 115080 ttatgactta tgagttccaa aactagtgtt ccagtgataa tgctgggtgg accactgaaa 115140 acagtaagta cctgacttcc agcaaatcaa gcctcaagaa gagtttgctg gtttgcctgt 115200 tgtcctgacc aacctctttc tgggttgctt tcgggacaag caggttggag cccagccctt 115260 cactatecee tgaggteate tetttaaaaa aaaaaaaaaa aaaageetee cagetgeaag 115320 ggaaggccct gtttccccct ccccactgc tgagatcttc agatctcttc attattgatg 115380 tetttgetee tgegggteat tteecageet gaateattet etgattatet gaecatetee 115440 tgggggagac aaatagtttc aaacattctc agtgactcat gtagcttcac taattcttct 115500 cacacacac actgagcaag tectagacta ecaaatttte ecetgtgeat geeettattt 115620 gaattttagt ttcattttat acaatagaaa tgagggtcta attatttctt cattaaccga 115680 ccccacccca ctcccccaga acttgagttt ttcctgatga gaaaggatca gtatgagaat 115740 tttatagaaa gaaaaaggcc agctgcttgg tatgacgggc cactcacttt gctttgcttc 115800 cgttggtggc tccagcatct gagattctgc aatgatgaga gtagcagaaa cagaggcaca 115860 accatgactt atgacttaga gagttccaaa actagtgttc cagtgataat gctgggtggg 115920 ccactgaaaa cagtaagtac ctgacttcca gcatctgcta aaggctcatc tcttgccaac 115980 ttgageteat tgeeeggage etgtegeett tttgaateet gtggeageea tttgggtgag 116040 caggggctaa cttgggaagt tcttaaggca attattttgg tctctgctgt tggttggtat 116100 gagaacccca ggctgccagc ttacccagcc ctatctcgct ggctttttcc ccaccccact 116160 gcaccctcct aatagactgt acagtccagg aacacatcat aatcatagtt gccaagtaag 116220 ccaggatget etcacgtcag agattetgaa caggetgtte teteccagee tgttetteta 116280 cetectetee eeggagaact cetaettate etteatggee egaeteaage attttteee 116340 cctgtatcca aatagcctca gatcttctga cccgccctgt acctaatgta caattcagtt 116400 acacaactet ettgaceteg ggteagtgga gtgeteteca tttgtaagaa tttatttege 116460 aatatttata tatttttcac gatatggcgt gatgtggtaa tagaaaacgt aggatgccta 116520 tgaagaaacc aactcgggga ctatgtggaa tcgcagcagc ctgtcactgt tgccattttg 116580 tttctgagct gaggtgaatg ttgccacaca cctgtgctgc tagctgaatc aggagtgtct 116640 gtcaagtgtc caagtctgct ctgagtaaca taataaatag ttgttgtttt aaactctcca 116700 ttgatattct tctatagttt aaaatatcag ctgtatgtat gtacatggta tacagcttac 116760





atatcataca accaaccatt tatataataa atttggtgat ttctactata gagttgttta 116820 tacacacagt taatttgtaa acattaatct ctcataccct ttgacaagtt ctctaggggt 116880 atactctact tctagcccat cacctatgtt ctgcctgtct agacctgcct actctgaaca 116940 tttcatataa gtggaagtat tcaacatcta gccttttgtg ttcctcctgc cttacacagg 117000 tgggtgacac tgtatctagc tagtaattcc atttatatgt cagtttagtg ttgtttatac 117060 ttgttgagga ttttgcagtt ccataaagaa gttttctttt atgggttatc tacgtcttct 117120 ttggatctca gcaactatcc tcctagaaca agtcgagagg cagtccctgc ttttatacct 117180 tttgtgagtt tctgaggaac taatattaat tattattatt ttaaacatct gtgcaaactg 117240 ttaggacctt tttaaaaaaa tctgtagata attctaaaat tattgattgt aaatagagat 117300 tactgtcatt caactattgt aaggccaaca cattaagaaa taagtccagt gagaggacag 117360 tttgttactt atggctccca agaggaccaa acggtgggga aacatcaaag gccacaaggg 117420 gaaatatcaa ggcaggcagg gactaaaggg gtcaagggga aaacaggggc acgaggcttt 117480 agtgtagtct ctgagggatg catatgtgtt acttggagca gtcaacactg tcttccctc 117540 gtgcatgcat ggcacgtcac acactcacag ttcagatgac ctcagctgtc tccttccatc 117660 atgtgggttc ccaacatgaa actcaggtcc gcaggcttga ctgcgagtac ctctgtctac 117720 tgaaccatct tggcaaccct cttctcttcc tagcgcatga gtaactttaa aatagattcc 117780 tatctgaggc aagtcataca atctcacaat ttcactccaa agggctctcc ctgcacgttc 117840 ccgcctcttc ctcaaacgcc atcacgccaa ttgtattggc tctctgtgta ttggcctttc 117900 gagagagaga gagagaga gagagagaga gacagagaca gagacagaga cagagacaga 118020 gacagagaca gggaggaggc agacttggtt gcaaccttac atcagtgagg atcaataatg 118080 acggacaatt ttaccatcct attttgacga acatgtagac tgccacccca agcttttaag 118140 aggagttacg gagttaaaat gctcttgaca tgaaactgct ttctaagaag tggggccagt 118200 ctactttccc aggaggcatg cgtaagaatg cctaataaca cagtatgtgg agcgtgttag 118260 ttctaatttg catttttata ttactttgag actcggcagt ttttcttctg tctctgtaca 118320 gaaccetgae taatgeeaca tttactagae aattgtgttt tetteetgga ttatgaeatg 118380 gttggccttt tgctggcttt ccaataagtt ctacttttgt gttgccacac ttatttgcat 118440 gaataatatg tcatgtctat tttcctttca tagtttcaat taaaaatatt ctttcgtatt 118500 teetteatge atttaatttt taatttttet gtetgeagae accagaaaga gtgteggage 118560 tcctaagact ggagctgcag acagttgtaa gctgccacgt gggttctgag aatcaaacct 118620 agcagaccgt tetettaact getgatecat etetegagee eetgageatt taatttttgt 118680

acacggattt tgatagactt ttttcacatg gagctgcaga gatggttcag tggttaagag 118740 caccaaatgc tcttctagag gtcctgagtt caaatcccag caaccacatg gtggctcaca 118800 gccatctgta atgggatctg atgcccttgg ctggtgtgtc tgaagagagc aattgtgtac 118860 tcatatacat aaaataaata aataaatctt attaaaacat ataaccaagt gtcatgttaa 118920 taaaaaaacac cccaaatcat ctctctctct ctccctctct ctctcatttt tttttcaaga 118980 taggatttca ctgtggaggg ttatcctgga actcattctg tagaccaggc tggcctcaga 119040 ctcaatagag atccacctag ccatgtactt ttttttttt ttttttttg atcagataaa 119100 ttcccaggta gcttaacaca gaaacaactt tgtaagattg cttgagagaa caaggaagga 119160 cagategggg agtttggeat caetgaetee agggatggaa caggeaeeee tgggaggagt 119220 tttgagagac ctggttcttc tcactccagg tttacagcca ttccttgtgc ctctgggccg 119280 agggtgacca gttggtgaaa atagtggtta aatgcacact taattcttgt gcgcgtgtag 119340 gggcacctgt gtgtctatgt gtgtgtggtg tgcatgtgtg tatgtatgtt cccatgtttg 119400 tgtgtaccta tgtgtgtgta tgtacctgtg tgcatgtata tggaagtcca acactgatgc 119460 tgggtgcctg ctttaagcac tctctgctat aattatcaag gcagaactca cagattttag 119520 atactccaat gagccgggga gtctcctgtc tctgcttcct tcatccctca taccgggatc 119580 gcagttgaag ctttacacgg gtactgcaaa ttgaaaaaca ccagttctca cacttgcgag 119640 gaaagtgttt catccgttga gccaactccc cagctcccat acttatttct tgacaatagt 119700 tacaatatet ggaatateta gggtaaaata teatgtaeta attagataee tgtetaacaa 119760 aatacccagt taatttatca aagctaaatt attttggctt gcagttttgg agctgccggt 119820 ccatggttgt ttggctcttg ttttggagcc tgtggtgagg cagtagtgta gtcagcagtg 119880 tgataggaag ctaaaaacag gaagaggagg ggcctgggac ctgcagtccc cctttgaggg 119940 cacagaagct aaaaacagga agaggaggg cctgggacct gcagtcccct ttgagggcac 120000 agaagctaaa aacaggaaga ggaggggcct ggggcccgca gtcccctttg agggcacccc 120060 cccccccc cgatgatcta aagacttcat gttgtgccct agataggcca accataaaag 120120 tctccaccat attcctagtg ttgcccagaa gggtaaagat ctaacgtatg agcatctgga 120180 gagcattcga gaccagaact gcatcagatc ttactgtccc tgggcttcag tcctatcatc 120240 tggaaaatgg gaccaagcct cagatcgcag ttgtttgaaa caccgggaga taatatatag 120300 acagtgtcaa gcatgctatc tggcccacag ttggagtttt ttccccctta ggcagggtct 120360 caccagttaa ctctggatgt cctggaactc tctatgtaga ccagatttgg ctcaaactca 120420 cagaaatctg cctgcctctg cctcctgaac tctccacacc cggcctccat agttggcgtt 120480 taataaacta tagttaattc ccctatttct caatcagttt tatttcccca ggaaatcatt 120540 catattcgaa agaggaatga atagtaccaa tttcccagga actcgaataa actttacact 120600

tcatgtgtta gttttccaag tctgaaattc atgcatagct gagattcagc ttttctttca 120660 cccagttcct ctacgtgcac gtccaagctt tctgttttgc taaatggtct cacgtcatct 120720 cctgcctgtg tcctagagtc caggcagaag gtgaaggaag cacccgctct gtagtagcat 120780 ccatagogtt caccetetet gtaggaacgt teatageate cetagettee ageetggeee 120840 gctctacctc cccacgccac tccctgccgc ccccacaaac agctgctatt gttggctgct 120960 cccaggatta ttcttgtgaa cactgggaat ggccaaagtc ttcccagctg gctcctggct 121020 ttttttttt ttttttttt tcctttccca aaactgaaaa gttttacagt 121080 ctctggtttt tcacatcagc tgtgctgtct gcattagaga cagtcctggg gcatgctcaa 121140 ggctctgtga gtcagcccct cccttttaat cgtgccttta aaaagggaca gagagttcaa 121200 actcctaaga cagaaatcac ttagttccct tctgctactc catctctggg ccttgatgtg 121260 tottaaatoo atggggttta ototgtacca gagtagggag tttgaggcta gootagctag 121320 atgaacagtg tgcagttgtt ttctaagtta tcttctgttt ttatttgtgt gtgtgtgtgt 121380 gtgtgtgtg gtgtgtgtg gtgtgtgt gtgaataatt cttaaggagt tccagacttt 121440 tgaaaaaata tcactgacaa aaaaaacctc aaaatgacat caacagcaaa aaagttggag 121500 aagtgacata ctcttagtaa cattccattt tgctctgagt aaaagatgag ggccgggtat 121560 catctttgat tggtacagtg tcggaggaga gcagttcaca tcaaaactga gaaggagata 121620 atcctagaag aaaggaacat gcttcaagca gaaggcattt agaataggaa ctagctgttt 121680 ggtgtttctt cctggctgta tccaagacta ctgaaaagct ctaacaagcc tccctctgag 121740 tgaagagete getetacate etecteceag tttactgtga getgteettt etgatgetgt 121800 ctttattggg tcaaggttgt ctctatccag tactctcccc tgtcatttca gctatgttta 121860 cagatettte teetggeaaa ggeaacagtg ceaettgaga gageetggge cateaattet 121920 gttagcctgc gtgtcacagg agctggtggt ggcaagggca accgcagcag cagctgggag 121980 ctccgaaaga acagccagct gctcactgtc attccagggc tggctcatca tttatcaggc 122040 aaaggggage ettgatgeee teeetgeete ateeetgtee tgeteetgae geaggtggag 122100 gggacccagc acctttcatc tctgtgccat ttgtcttatt ctctccaggg atgctttgtc 122160 aggtetttgt atcagaegtg geceaatgte acacacaaaa tgeaggteea cacagagggg 122220 ctctctctct ctttctctct ctctgctgag ttttcataac taagataacc tgcaactcta 122340 agtagtcaag gttgccctca aattcctgat taacctacct ctactcccca aattccagga 122400 ttacaggtgt gtaccaccac cccagctttt tgttgctgtt ttgaggcagg atctcatata 122460 gctcaagcta gtctcaaact ccctatgtag cccaggttgt ccttgagatg ctagtcctac 122520

tttctcttcc caaaccctgg gattacagga gctgagtgac catgccgggc ccagattttc 122580 ttaatcccaa ctacaaggtc agcaaaagcc aaaggaagaa gaaatgttag gtgtacttgg 122640 atgitectic getectecte cectecete ecctecett cecticeete cectectita 122700 teetteeett cetteeette tettteetti eettteette ceettteett eettetette 122760 catteceate ecteceetee titeettett ataattettt tittatitet tieettiee 122820 ctttcccttt cctttctttc tttcccattt cattattatt ttctccttc tttctcctta 122940 cettattttt atcettetet etttteattt tettteteta ttteteteet tttttaatte 123000 tttttttcttt cctttctatc gatttttccg ttttttactc ctatattaag attcttactt 123060 aatttaatct cttttcgttt cttcaaattt atacctcctc atttttttgt catactattg 123120 cettatttet ettatatatt cettttttat etteactatt etaegtgett tegegttaet 123180 tagttacgtt ttccccattt cctctcattc tttctctttt actcttatct ctcttgctct 123240 tectatatgt titttaetta cattittaet tettiettet ettgtagega tietecatti 123300 tggctctttt tgtcatattt ctttcatttt ggcattcttc atgattttta ctcttctgtc 123360 acteaacatg ttaattattt ttagteette ttgtteatet tgatatgeat eteettette 123420 tettetetet cateattget atgaattett ttetacetnn nnnnnnnnn nnnnnnneg 123480 egggegtgeg tgeggegtgg gtggegtege eggtgettgg gegegtgget gtegtgegeg 123540 ggccggtcct tgcggttgcg gtgtcggcgc cgtcggcgcc gttcaggccg gttcgttcgc 123600 eggtgegtee gegeeegete eggtegtatg gtgegeaece tgeeegteee gtttteatee 123660 egtegeeggg gegteggtee cegteeegtg tegeetgteg etecegtege eggteeette 123720 ceteetgteg tteetetee gtteetgtae ettttetete eceteeette eeteatteee 123780 etecceatee cetectitet ectecetete agecetecce tectetecce tecceeteet 123840 ctggagttct ttctaagaac tgctggtttc acagtgttct tctctcttat tccagaaagc 123900 aatcaatcaa atcaaccaca cacaccaggg gtcaggactt taatctccct cacagaggtt 123960 actgaatata atggtgtgga aagagaagcc agttttggaa tctggaaggt accattccag 124020 ccgtgactcc tcttgctgcc tggggacttg gacaaatgag aataaaagta ttaagagaag 124080 cctcatggga gtaatgtaag aattaaatga gattatgaaa atgctatgaa acctttttta 124140 aaaaattcac ttcctagtct cttttagggg ttctaaagac tagaaatgtc cacgagatag 124200 caaagccacc ggatcccact aaccaagtct catgaatttc ttctcctaac aacagttcct 124260 tetggagtte aggetttagt tettaeteat gtgtgeaeae aaggaageta aggttteetg 124320 gccttaggta gacactacac ccacagagac tcacctacgg gattttaacc agaactgaaa 124380 caaggacagc aatggaaatg ctaatgtaga cagggaaagc ctcatcgcta cacaaagagc 124440

tacagacaag ggaggagagc agagaggcc gagaggcaga gagagagcct tctccaggga 124500 ggagcgcgct gactgcttgt ccaggaccag ccctgaaacc atcagacaaa tgcatgcatt 124560 tgggaaggag gactattggt atatgatgta attatcttgt gatctcgaaa gctaagagaa 124620 gtacttttaa aatgattttc tagtcattta aaaaaaagag atcttatttt tatattaagt 124680 gtgtctccac gtgcacgtga gtgcaggtgc cttctgaggc cagagataga gtatctccct 124740 agagetggag acceagatgg ttgggageea tetggtgegg gtgetgggaa ttgaaetegg 124800 gtcttctgca agatcagtcc atactcttaa ccactgagcc acctcaccag cccctcctag 124860 tegttttttg categatgaa gagetatgtg aetgaagtaa ggeaaatgga tegtggaagt 124920 aggtagtata tatetettaa tgggtetgga taaattaata eececaaace taetaeggaa 124980 catcatagtt tggtaacaca aaattctgga gtactggttg ctgacttctg tgatagcatg 125040 ctttcctgtc accaagagac cccaggatgc ttttataccc cacattgctg gccaaggaaa 125100 agaacaaatt ttgaaaaaaa gaacaaattt tgaaaaaaggt agcacacttc ccattgaatg 125160 tgtccctttt atcccaccat gaagttgagc catggtggag cgatttgcaa taccctttgg 125220 ttgtttgcat ggtggtgcag gaaagtacca tgtatgacaa acaaaacaga agcctgtccc 125280 cccccccc ccaagtgtgc ttgttttgtg tatgtatccc tttctgcctg ccggaagtgg 125340 taccttcccc tcagcggtga agtattcctg gctgatttca ggactcagct ctgtacacct 125400 tcagagaacg gcggctcata cttagggtta aatctttgtg ccatactctt aacacaatct 125460 aaatatgett eetttgaaaa geaacagttt tteacetgea aagateatag atgtteaaaa 125520 tgactcctaa ggtttggata tggttgcagt gtgttcccca agaggatgta ggctgggagc 125580 ggtaaccaga gaagateete etaagcagaa geeeetteet etggetttet gtettgeegt 125640 gtgatttttt tttcttcacc ttgtgccatc actgtgatga cgtttgcctg agggcctctt 125700 gagggctgag gtaattctag tgttataccc ttctttttt ttttttttt ccttccttaa 125760 gtaatttggc ctcgcacaac ctggtgaccg ctgtcaccgc taaggaaatt gtggcaggtt 125820 gggggttacc tcaaagttcg gccgcgagct tgtcctggcg agtgagaact tactcccgca 125880 ccgccctcta tgagctgctg gggtgtcccc tccactctca tacccgacgc ttatcaattc 125940 tgggcagaac catcctccgt ccgtagcaag tatgaccgag gtctgcgcgg acccggtgtc 126000 aggeteteta agatgeetgt ggtetateet aatetgeece tgeeeteete ettatatgee 126060 traggetrag ggtggetret cttgagacca tggcattetg ttrgactttg atgcetteta 126120 ccaggcgcac cacggacacc agctacctag agatgtgcgt ctgtcagcct tgggggaagg 126180 tgtctgcttt cgtatttagt cggagaaaag gagggaaacg gatctggccc aagaaaccca 126300 actitictgg cottgaacta tggtctaaga ttgaattgac tacctctggt ggggttctct 126360

tgaccetect aataceetet ageetggeag gtgateaaca tgtetetett gtatggteea 126420 gaaaagactc ttatcagcgg ccaagaacga ggccccagga taaagattcc tgaaaaccag 126480 aaatttaagt gettteeaga gteeetgagt ggetgtteat ttetaaaagt teeetteeag 126540 atgccaatcc ccgaaatact tgctggggtc ttatccagaa gtcctgagca agattcgccc 126600 tgtccccgga acaagtctgt gtaatgggta cctctgtaac ctctgagccg tgagactaga 126660 tttggttgtc cgaagccaat aagatttcat tcttaagggc ttgcatggaa tttgtttttc 126720 tgtcttatca caagccacag gtaagactcg atcaatgatc caataggtaa cggggatgca 126780 gcttgcaggg ggtggttctg atgctaaggc cctgttccca gtgcctcagt gaaggaaggc 126840 taacctgcaa aaggcactgg gtttgaaacc cagctttttt gtctttgtgt cccgcttccc 126900 cactaagaaa ataagttagc gagagatgcc aatttccccc ctctggtctg ttccatgtca 126960 tttctgtcac gtgggtttga gaaaacaaag cccttaagga tgacgaatac attcctgtgt 127020 caaaatttac ccaggggagt ggccttgggg aaaggtgctg tgtgagccta acagcaggag 127080 gtgatttgtc ctcctaaggt ctgtccccat tactcagatt ctactccagt ggtggcatag 127140 agtgatatta ctgaggcccg gttcatcttg ggaccgagtt cctgtccttg gtcttttcat 127200 tcaccagcca cttgcattgc taagagtgca gtgacaagac ttggaggttg agttcccgag 127260 tgtggtccgt gcatccgcag tgttgatcac gagcaccgca agtcaaatcc ttccaacgag 127320 gctgttggac tgtgtgagta atttgggcct agatgaagca ggaggctcac tggtcaaggt 127380 acagatgaaa tgtaggcctg taatccagcg gggctgtggc tggggcattg tgatggacta 127440 catagcaagg ctgtctttaa aaggatacag aatgccgccc agggccttgt gtaaagccaa 127500 gaaaccacag accegcagca gageteagge tgtageteag ttgatagaac geatgeetee 127560 aacacacaaa tototgggtt otaccoccag caccocataa accaggotto atgacgotgt 127620 gacctctgca tgctttggaa acagtatcaa ttatgtgtca ccgactggcc tagaactttt 127680 catcetttge etcagtetee tgagtgetag gaceteagge atgggeeaea geeceaeagg 127740 gatagaggac gattttggga ggactgccac caagtgtttc ccttggtaac atttacactt 127800 ccccagctcc caagatttta cagagttttc tgtcctggca agaagagtaa acttggccat 127860 gaacgttage cetgtettet ggggetatte ecceaeceet ggeagtggag ggegeggetg 127920 cagagatgat tacaagcaca gaggaaggct gcagagcagc gggtgtgagt ctcagtcagg 127980 aagacaggag gcaaggacgc acgcatctgg cgagcccttc ttgccagact gctaaaatag 128040 gtaaactgag taaaatgcca cctttgatgg tcacggtgtt gatacaaccc gatcccttcc 128100 ttcctaactc cttcccacat tctggcaggt catccacacg gtgcatcttt ggcctctgtc 128160 acggttccag tgtgactcga gacaggacgt gacagcatct gtataatccc agcatgtagc 128220 aggcagaggc aggaaggtct ccagcttaag gcctgcctag gctatttatt cagtgagacc 128280 ctgctccaag aaaggtagaa ctggctatgg tgctccacac ttgtaatccc agcgctgggg 128340 aagcagaaac aggaggatcg ccctcagggt ggtgcaccag ctgggtctgc atagtgagtt 128400 aagtgccagc tggggctgta tagtgaggcc ctgtatcaaa cagagaaaag gggaaggggt 128460 ggacctatga ageggeteag tgegttaegg agtttgteet gtetetaage etaacaatet 128520 gagatetate tetggaacet acaeggtagg aggagagaac ttacteecaa agtttteete 128580 taacccctgc ataagcatcc tgtgctgtgc atgtgaaacc ccatacctcc cactagacaa 128640 aataaagaaa tgtaaataag taaaaataaa tagtgtaaat acattttaca aagttatttg 128700 gcctcaagta ttttgttgta gtaactattg cttaattgct tgctacagtt gactaacaca 128760 ttgctacaaa gtttggaaag ttcaaaaaaa ccaccccac aatctcccat tattccatca 128820 tccaagggga acacatattt tcatacgcat aatttagctt tccaaatttt cattttgtat 128880 ttgctcttgc cttagacatc atgaaggatt tcccagttac ctccaggaga ctgtaaaatg 128940 aagtatgtaa gagettgaaa gatacgeeat egetaageat ateeaateat taageattet 129000 tattatgatt attactatga ttatagtaaa actataatga aaccttcctt gtggtgtgat 129060 totgagatga acatotgtga atgoaaatot ttgcccacat ototgattat ttatatttgg 129120 aagattttct tgttttgttt ttgatcatgc acacgcacgt gtgtctgact gtgagtttgt 129180 gtatgagtgt ggtgcccttg gaggccagag gtgtcagatc ctcttggtgc tagagttcca 129240 ggtagccgtg agctcgagaa caggagagct gggtaccaaa ctcaggtcct cagcaagagc 129300 atcacttaac ttctgaacca tctccccagc tcctttattt cctttaagag gaatccttac 129360 aaggaaaatt ccagagtcaa gggatatgca aatggatccg aggtgaggaa ggaggatgga 129420 gaaccaaacc tetecaggaa ggaactgeet ggtegeacce aactettete cetaatgeet 129480 cctggacaga attacatcgt gtacattata gaatccagga tgtggctaaa gtagagagac 129540 tacacacact cagcttgcaa ttcacagttg agacacettt etttetttt taaaetgaaa 129600 aaaaaacatc tttttttaaa aaatacaata tacattgata aatgtttccc ctcctccagt 129660 ttcttttatg aaaaacttct ctaatttagg cgagtcagtt cctgagaagg ctcagtgggt 129720 aaaggteett geeaceaaae ttgatgaeaa gtttgateee tgteeetgtt ggetttggga 129780 tggaagetga gaaaacteat tteagagaea gaagettaaa aatgaaaaet ttatattetg 129840 aactctcagg aaagcagtta gtttgggttc tgaactgtgt ccccataggg agattgtaca 129900 ttttcaaagg ctgggaacac aaagtggcag gtgggggaac agctgtggtg ttatccaact 129960 gtgttttgac gttatggggg taccccttag agaccgagct gtatccaggg caccttcaag 130020 gtccttaatt cattctccta gacagtgtct ggtgctcaaa gtgataaggg gacaatggag 130080 caggicaget geatgitaget aactateaca taacaggeaa taggitatgi attittataa 130140 cttatgcacc tttgtttaga taacagcaat ttctctactc tctaccggtt aacagacaac 130200

taagaggtgg gataggtgct cattcctagg cctggcaaca tgaacttgtt taaccctgcc 130260 agcaagatgg acaaggtgtc cttgaaatgt ctggactcag acaactgtcc ccttacaagt 130320 tgtccctgag atgtctggac tcagataaca gtttacagca gaagctgttc agctattggg 130380 aagtgcccag ctcctctagg accgggacct tgaatttaat ttctccccat gatttaatgg 130440 agtotgaaaa ottaatggta gtaottaaag tttottottt tgottgttoo cacacagooc 130500 cgtggtggaa acacagaact gactcctcaa agttgtccct ccacttccat ttaagtgctg 130560 tgatacacgc atgcccttcc ccttaaaaaa tgtaattgaa atttttagct tgatgggaga 130620 caaatacttc ctcagccact cttgtttaca gtctgggatt actgatggac acaacatttc 130680 ctccccaagt ctccacgggc cgttgcattt cttctatggt ttgttgagtt atgactcaaa 130740 tatgatgcat catgactttc aaaagtattt attttttta agcctatgaa acttcaaact 130800 gcatcatcca ggcagcccaa aggaaggact cttttttttt tttttataat ttatttattg 130860 attataatta agtacactgt agctgtcttc agacaccaga agagggcatc agatctcatt 130920 acagatggtt gtgagccacc atgtggttgc tgggatttga actctggacc ttaggaagag 130980 cagttgggtg ctcttaccca ctgagccatc tcaccagccc caaggaagga ctctttacat 131040 gagtggatgt ttgtgttttc atacgaccac acataactca gagtgtgttt tctagtaata 131100 agaataaatg gaatagcagt tccaaacaga gccagcctca agggactaaa aggttctgga 131160 gaactgacag ggtagcccag aaacagaaat taaaactttt taagggttcg ccatgcgttg 131220 cccaaaccca gccttcctct ctgtgcttca gagcattttt tattggccag ttttgtcata 131280 acctttgcaa tcccatcttt tttgaaactg aagaggaaga atgaaaccca tcactgcata 131340 aaccagaacc cagacattaa ttagagagtt gtccgcttgg gcttttgtta atgagccctt 131400 gtataatcat cgcccagttt tcaccaagtg tgaggtctca gttaggagaa attgccgtgg 131460 tctccctaag aataaaatta tagaacgcta gagaacacag gcaagaaatg tcagtttgtt 131520 gttagagaac taatatgggg agtcactggc tggaatctag catttggttg gctctcagtg 131580 agccagaaaa gcttctcaag ttttctttgt gaggctcagg agttcatctt ccagacccaa 131640 gcgcttcaag ttctgaatgg ggaaagtaga cacattttta cctcacgata acaatgttta 131700 aaactgttcc atgtttggtt ggttggttgg ttggttggtt ggttggttgg tttagggatg 131760 gaaatcaacc acagtettee atgaageetg aaataagtga atetgetete ettttttate 131820 tgattgatga tetteateag cacagacaga catetagate aegtteaggt aataaetgat 131880 tatgcactct ttgctctgtc aataactaat tacttgactg tgttaatata accaaccttc 131940 gtgtgcacag ttatacagat ttggaagaac tgatggtgtg attaaattga ccttcacagt 132000 aatttatccg agtcacattc ttcacaggtc atgcttgtga ataggtagct caagcaagcc 132060 ccatcctcct cttttaacct taggaagtac gtgcatcata ggaccctcca acccccaata 132120

attaaaacct tggcatggct tctgcataaa gatatgtgaa ttattacagg actgtagata 132180 gatcactacc ttaactaatc aactgcagtt attaattaac cccgagccat cttaacagga 132240 gaaccaccaa tggcaagctg atgagagtta tgatgtacct agggttaaaa atcattcatt 132300 tcttctggca tgcatgtata tgaagagatt atagaaatat gtcaattcaa ggaactattg 132360 atttttgcac ccccagtct cctacatcct atgatgtttc tgactgcaag tagtaatctt 132420 cgttgctaca atcttgcttg ttcatttaat aaaaattttg aaagttaagc attaagcttc 132480 aactgatgtt atagactgta tggttatgtc ctttggatcc caaaattcgt gtgtttgaag 132540 tcctaagttc ccaatggaat tagtattttg gaggcaggga acttttggga aggtaatttc 132600 ttgcttagac ttaagtttat ggattcaagg tttttttcca attggtttta tggggtggta 132660 ggttttggaa tacccctttn nnnnnnnnn nnnnnnnnt gcttagtaat gggctccacc 132720 atcccaatct catctcaggt ttgcctttac tttccaaagg accaccatac cacaaactcc 132780 accacaatac tcccagaagg aaggeetgat aatcactetg ttetgttcaa eetaacaggg 132840 taaaaaatctt caagatgaca agtgttcgtt gtagataact gcaaatatac tgtcctcttt 132900 cttcaaaatg aaaacttgtg ctcttactca tccaggtaag ggattcacct tgtgataaaa 132960 caaacaaaca aacaaaacat aaaaacaccc atcacctcat acaagccgct gagtactact 133020 tccacatcca gttgtgggct gggcaagtgg aagatgcaaa agacattaac tgagggtctg 133080 cagacatgct ttgtatgctg taaagccaca gcttttttt ttttttttt tttttttt tttttttt 133140 cgagacaggg cttctctgtg tagccttggc tgtcctggaa ctaactctgt agaccaggct 133200 ggcctcgaac ccagaaatcc acctgtctct gcctcccaag ttctgggatt aaaggcatgt 133260 gccactactg cccggcaaag ccacagcttt aaaatacagt gtgtcccctg tgaactctat 133320 aatgcacggg aaagactaac ttgggagaaa aagaaacgaa tgttacaggt tacaggacag 133380 tattgcaatt agctgttaaa tgatgaagat tcaaggaaga accttttaag aatttctgag 133440 agggttaagg aaaagacacc atgcttatca tgtgccacgc cctgcctacc ccccccccc 133500 cctcctacct tcccccctc ccctgtgcag caggcactga aaaggcacac tctcttccaa 133560 tagccataac aggaccttga agtcaccact gtcattctct tcagtttcag gagaggacag 133620 aaagtagaaa ggttaactag cttgctcgta acaaatccag gtctgagcaa aatgaatgag 133680 agcattgtag agtgtaacta gggagaaatc ctcccactgg gagctgcccc ttttcccagc 133740 ctctgtttgc attatttata aactcagggc tggattccag aaagcatggt ccttagggaa 133800 cacagctaac tttcaattca ggcttaggaa cctttgtgaa tacctgtcct ttcagccaac 133860 aggaagtccc ctgggacaca ggtaaaggaa gcaggatttc ttttcatatt gtctttgaac 133920 aatgagteet gtggggtaat geatggttgt acagaaatag actgaceeat gaaacacage 133980 cctgttttta cagcagctga atcacttcca ccctcccgtt ntgtgcctgt ttacatttct 134040

tececageta tetteteet tgattgeatt tggaacacce tggggetett etgatgaaat 134100 gtttccttga attttatcac ctatcctgtc gtcataaaga ctttccaggg taacagtttg 134160 caatatcatc catacaccct gacacaatgc cccaaggtct agtctcactt gggaaaacat 134220 aagtattttt catgttcaga gaaaagagat aagacttgag aggggaatgg cccttcacca 134280 aatctaacaa ggttagggag tgtattagtc agggttctct agagtcacag aacttacgga 134340 tagtetetag atagtaaagg aatttattga tgaettaeag teggeageee aatteecaae 134400 aatggttcag tcgcagctgt gaatggaagt ccaaggatct agcagttact cagtctcaca 134460 cagtaagcag gcaaaggagc aagagctaga ctcccttctt ccaatgtcct tatattgtct 134520 ccagcagaag gtgtagccca gattaaaggt gtgttcctta aactcggaga tttaatcttc 134580 tggaatccat agccactatg gctcaagatc tccataccaa gatccagatc agaaacttct 134640 atctccaage etccagataa gggteactgg tgageettee aattetggat tgtagtteat 134700 tccaaatata gtcaagttga caaccaggaa tagccactac agggagtgtc ctgtgttctt 134760 tcataaggtg gtcagtctgg gacaaccaca acaggagacc gaaagggggc taaacagagt 134820 tggttttttt tcccagattc tggagacaga ggcatagaat gccaccatta caatgtcaca 134880 ctatttccac agtgtagttn tgtgtgtgtg tatgtgtgtg tgtgtagcat gtgggggtca 134940 taccacatac tcaaaacttc cattttgttt gagacaaggt ctcttgtttt cctgttttat 135000 taggecaatt ggeteatgag cataceaggg gttetecaat etetgeetge cateceteca 135060 tgggagtgtt gggattacag ctgaccctac aagtctagct ttccctttgg ttcttgggat 135120 tcgaacttgg atcctcccac ttgtatggca agtgctttta cccactgagc cctctcccta 135180 accectgttt agtttagtge ageattteac etgttacaag aacetgtggt atacacaaac 135240 acaagccaca aattactaac tgaaatttct gtgattccat atatcagtta aatattttta 135300 tattggtatt attttttaa acaaaagtac tatagaatat aaggaagaat ggaaatattt 135360 atgctaatat tittaaaaggg titgggatta aaccicatgc citatgtacg ciaaattcia 135420 ctactggact atacccctag cataatttaa aggaaaggac tttctatttt aacatgctca 135480 tttgtgctgt tatcttgctt tttaaatact tattcagaag tactgaataa aaaaaaagga 135540 ataaaaataa aaggacatgg ccactcctag gtatgggaga gaaggaggtt tattgtagat 135600 taacaggaga acatagtcag aggcagagac atctgggaga ctccagagtg aagatgctcc 135660 gtacatccag gccatgtggt ggggagaggg gggggaggag agtgaggaga ataaagggta 135720 ggcaaaagat gaaatgtaac caaaatggct ggattatacc agaaagaggc agctgagggg 135780 aagatccacc cagctccagg gctggagaag tttagggtag caggtagggt atggcaacca 135840 ttctctgtaa cagataggga ctgagggatg ctgggagaat ttggtgacct ccttgatgta 135900 ttaaacaggt gccttagtta gccactcgtc ccaggtttga gacctaacaa ggacctggat 135960 ttccctttgc attgggcccc atgaataatg taagggctac ctcctggctg ctacagctgt 136020 tctgtttaag aaaaattgtc aggaagcact gaagtggttg cctggacagt gatgatgtca 136080 gcttggctat agctcaggga tccttagtta gctggacaag tgttatttca aggtgtgtct 136140 tcgagggcag ttctggcaga gattagcatt aaaaatcagt agattaaata cataagatag 136200 ttgtcggtca tagggcaagc atcattcaac cctcagagag taggaccaca agataaagat 136260 ggagggaggg gaaattcacc cttcctagct ggaccatcca tcttttcagc ccacagatat 136320 caaagctgct ggttcgtaag ccttccggct gctctaggag tgacatcacc tgctcttttg 136380 tetttaceae etaaaaeetg tetagtetge ettagetgta aaaegagtgg ttageagaat 136440 atttctaata gtagttgtga agactgagag tattgtggct gttaaatatg aagccgtcaa 136500 taggcattag ccatgtcagt atcccaaagc ccttagttca cttgactctt cacggctgaa 136560 ggagctatgc agtaagaata ggttcacgta tttctctgca ggaggctagt catgagctca 136680 gatctgtttc tcatattgcc tgaaaaagga cagaaagtcc atcttatata aagtttgtga 136740 gactttctag gtgtggtggt ttaaatgggt ttggccccat agattcatgt gtttgatgct 136800 tgaccatagg gaacgacact agggaggagg tatatagctt tattggatga agcgcatcac 136860 tgtgtaagtg ggctttgaga tctcctacgc tcaggctctg tccactgtgg atgagagcct 136920 cctcctggct gcctgaggaa ggcagcccc cctccactgc ttgcagatca agatgtagaa 136980 ctctcgtatc ctctagcacc ttgtctgcct gtgctctgcc atgtttcctg ctatgatgat 137040 aatggactaa ataagccagc ttcaactaca tgtttttctt tataagagtt gccttggtca 137100 tgttgttctt tacagcaatg aaaccctgac taagactctg ggtaacctgt ggggacaaat 137160 tgagagtttt tetteetegt titetettta tietaaceat caeceatatt cattgaeeta 137220 gttattacta gttgtcctaa agagcacata gaaagggcaa ggcattttac tcttctgttt 137280 ctcagagata agtgtttact aacttaaaga cacacgtaaa agcaatgtca tggttgtgtg 137340 ttttgttcct taagtggaag caggaaggag acaaaagggt tgagaaacct gtgtatatgt 137400 gtaagggagg ggaaatcact acttaataaa gaagcctgcc cgccactgtc cattgtgcta 137460 ctcagagcag ccaaggtgag gaaaccaccc atgagtccat ccatggacaa atggatcaag 137520 aaagtgtgcg cacacacaat ggattattat tccaccttaa aaagaaggaa gccctgggtt 137580 tgacacaacc gatggaccat ttgtgacacg gaggaaaggc agacacagac acacccaccg 137640 tgtgagactc ataacaacag acaggacagg gttaagtcta gctggacact agctgcccat 137700 gtgaactgtt cttcagctgc cattttgaac tggtaaacca atctgtggtt gtgagtcgga 137760 aacacggagg aaatggagag gattttccct cetteettt cetttteett teeeteeett 137820 teteetteee teeeteatt aettteette eeteeettee caettteegt tetttttee 137880 ttccttctat cttcattcct tttctcctcc ttctctactg ccttctcttt cttcctctct 137940 gtataaccca cactgctctg gaactcatta tgtagcccag gctgccctta gaagccatga 138000 tectectget teagestest aatattggat tacaagtace ttgtetgeet gagagattee 138060 ttgaagttgg ttgtcatata agtctgtcgc aggattttcc ctgtccaatc acgttagggc 138120 agtgggaggc ccgtgattgg acagagaaaa gggaggcagt gctaagagtt gcagagagag 138180 gaatctgaga ggaggagga gaaaggaaga tggtggtaga cattaatctg tgtggctatg 138240 accagccaca ggttgttaaa ccataaggtt agactaattg ggataaagct ttatcatcaa 138300 ttgtctctta aattattgta ttggcatctt ataaattgtg attttattga tatataaatc 138360 tgattggtta actataagct taagagattt gattttacca ggtgagtggg tattgtgatt 138420 tctaaccaca aggttggtgg ttcaatttga ttactggaat gtgggacacc tgatgacagg 138480 gtattatagc ggagagggaa ctagtggctc ccaggacaaa cgaaccaaga tgttgcaggg 138540 gctagctgga gagagtagct cggctgcgag aacagatgga gtggtacctc actgagacaa 138600 agggctgtgg cctaccagag acagtactag agcaggaatg tggcccggca gggcaggaga 138660 gttggcgggt ttatatatat atttctttcg tgaaatataa gtaagagaaa ttaccaatag 138720 gaacatgact aggtgaagtt gactgtatgt ctgaggatgc atctgtggct ttggtagatt 138780 aatgatggct atgcatcctt tgacattctt ctcactgaga agtaggacct gtttctctcc 138840 teettggate tgggetgtga caactttaac caggagaetg tggetgaagg gattgggagg 138900 ttgtagcatg aaatataaaa aaaatcaatc catgctatcg ccggcaaggc actggcctgc 138960 tttcatctca tggaaactct gacccagagc tccgaaatct ctccattcag ctcactaagt 139020 teceaetgge gggeeattae catgetatee eatgetttea aattteeatg geettttggg 139080 gtgcacttct tgcaaaccta cactttgcca ttgtaccttt agccctggaa cccagttgag 139140 gcggctcgtg aaggaaaaca ccacacaaag ttccgaatca acaggtaact caattgccgg 139200 gcgcagcaaa tcctggcaga tccgccatct aaactggggg cctcttgtta gctacattct 139260 gtcctccaag ctctcccgt gggaacttag cgagctgggt ggagagattt tggaacttca 139320 ggtcagagag tctccacaag atgagaacag gccagtgcct tgccttgccg gtgatagcgt 139380 ggattggttt tctttaatat ttcacgctac aggaagcctc gggaggaaac aggtagcttg 139440 cacctgaggc tcttgaagct ttgaagttct ctggcagaca ttttagtaac ctgttgtagg 139500 gagcaggtgg aatgccggag aagaggaaag tcccgctgaa tgtagcctgt tagctgatcc 139560 tgttaagaag caagggtagg aacaaaacca ctggatgaat gctaccaaat agccctaaca 139620 acaattgcat aattaattcc ctggctcaac tgatggctaa actagaaagg gagagcaccc 139680 ctcctaattg ttgcgtggat agaaccttcc tttttctgtt tgtgcagtct gcgtcttgag 139740 gtcattaaga acaatcaagg agggtcatac accacaatgc cttcctgcct ttgcttcttt 139800

caaacaagct gaatcatttc tgcttctagt tgtgtgggtg ggtaaggtgg gggcctgttt 139860 gggcagagac aatatcaatc catatgccac gcttccaagc atctatatta ccattatgta 139920 gaagaaagga gaaacacaga aacatttatc acttttaatg gcttgcatct tatccttatt 139980 aaatcaaaca caatttttgt cttaactttc gtatcctctc tctgttcaga actgtatact 140040 tcctgtttag ctgtcatgct ggttggacgc atgcccactc atcagcataa aggacaggaa 140100 gggaaccete etttetggg etaatggetg tatttaettt titaaattaa gatgtageee 140160 agccttttgg cagattgtta tcagaaagaa cagcttagca tcaattatgc taagacaaaa 140220 atcattatat ttagcagtca ttgtctaggt tttaaaagga ctttattaaa taacccaaga 140280 taaaaactta gtttattcaa ctacttggtg catttgctgg taactcatcc tggcagaagc 140340 ccgatgacgc aattgtgctt ggagagaaat tctcaataga attcatagtg aagttctttt 140400 gtggtcagta tgagcaatgg atagaaggaa tgttccggga ctcttgtggg catgtaaaat 140460 ttctctccat atatttatat gatatcaaat tctatgcttt tcaaataggt agccatattc 140520 caaacaggtt tatacgttat ttattgttca ctgaaaaaca tctttccatt gggagttgta 140580 gctcagtgat aagagtgttt taccagcata ggtaaggtcc agggtttaag ccctggtagc 140640 tactaataca aaagaataat actctgcaac cattgagttg actgtgtatc ttagtttggt 140700 tttttattgc tgtgaaaaga caccatgacc actgcaaccc ttatagggga aaacatttca 140760 ctggggctgg ctttatagtt tctgaggttt agtccattat cttcatggca ggaaacatgt 140820 tgacatgcag gcagagaagg agctgagagt tctatatcca gatcctcagg caataggaaa 140880 agacagtgac atatttcctc caacaaggcc tcacctactc caacaaggtc attcctccta 140940 atagtggctc tecetatgga cetatggggg ceattttatt caaaccaceg cagtgagtgt 141000 tggaaaacat cagaacattt tggctcatta ccctgttcta gcacaggctg cttccatttc 141060 acttetettg aataagaate taaggtttgg etgetacatt atttttete tgteteecae 141120 atggttaggt ggagggtctc actgtccacc tgcacagtga cacacttctt ccaacaaggc 141180 cactecteca aaaagtgeea eteeetggge caagtatatt caaactacea caaataceat 141240 gagcaaaagt aatttgaaga gaaaagggtt tatttggctt ccacttccaa attgcagtcc 141300 atcattgaag gaagtcggga caggaactca gccaggataa gaactcaaag agggaagaaa 141360 cctggaggca ggagcggatg cagtttatgg aggggtgcta cttactgggt tgctcctcat 141420 gggttgctca gcctgctttc atagagagcc caggaccacc agtccagggg tggccccacc 141480 cacaatgggc tgggccctca cacatcaatc actaattagg aaaatgttct acaaaatgca 141540 ggctttgccc acagcccaaa cttatgaagg cgttttctca gttggggttc cctcctttca 141600 gatgactcta accgctgtca agttgaccta aaattagcca acacaatata tacccacatg 141660 tcttagtcag ggtttctatt cctgcacaaa caccatgacc aagaagcaag ttggggagga 141720 aagggtttat tcagcttaca cttccacatt gctttttatc accaaggaag tcaggactgg 141780 aacttaagca gggcagtgga caggagctga tgcagaagcc atggagggat gttctttact 141840 ggcttgctca gcctgctctc ttatagaacc aagactacca gcccagagat ggtcccaccc 141900 acaaggggcc tttccccctt gatcactaat tgagaaaatg ccttacagtt ggatctcatg 141960 gaggtatttc ctcaactgaa gctcctttct ctgtgataac tccagctgtg tcaagttgac 142020 tcaaaactag ccagtacacc acatatgtct atatcatttg agagatgaga tctatcacta 142080 aaccacaaat gctatttttc ttttacaaaa ctaattaatt attttgatat gtatgagtgt 142140 tttgcctgtg tgtgtgtcta tgtaccagat tcatgcttgg tgtacacaga ggccaggaga 142200 gggtgtcaga tcccctgaaa ctgggctgca cgtggaagca gagactgtat gggattctat 142260 gcaatatgtc aagaaaataa ggggtggtgg tggattatat agtaggaaat attaattttc 142320 cttcttgcct taggctattt atattctcag atgagagaca gccttagatt gttaaatggc 142380 cttaggcagc acagtagctg ggcagctgcc tacccgccat gctattagaa tctgctttcc 142440 tattgataac cccaagttat cactcagtat ttactacatt ccatctgggc tgctcttaac 142500 tcagttgggt agccagccct ctgggccact ttgtcctggc ccttagcccg tgacagctca 142560 ctttctccct cctgcacgtt cttcttcttc ttccatggcg gcttcccttc ctcttctttc 142620 ccacctcgag gtcctctttc taccaagccc accctatcta tgtctcttct gtccagttat 142680 tcggtgttgg catctttatt caccaattag aattaacgtg gggtggggca gggccggggc 142740 aaggtcccag gggctatcgg cagacaccag gtcttggggg ccagcgctta gcattatagc 142800 agatagtaaa agacaaaacc tcaagtgttg tgactcagac acagaagttt tccgtcttta 142860 gtgactgttg acaatccctt tacacgctgg tccttcacac actttgcact tctccatttc 142920 ccaatctccc cgcttctttc tccttccctt cctaaactgt tatgtagctg ccagtggaca 142980 cgggtcactg ggttcctgaa aggaaagcca ggattggatg gggaggacac caagagacaa 143040 agagccaaga caaagttctc agagcaaggc tcaatcttta attgtagggt ctgatttta 143100 aaggggggga cacccatccc ccactatgcc aggatcttga tgtcacttcg gatctcatca 143160 ggaaagctag ctcagctgct cagcgggtag gtttttgtag gaaactggca gacaaaagat 143220 gttacctagg tcagaagact ccaccctagg tgggatagcc tactgtggca gaaacaaagt 143280 ctgattcagc ccacctaaga ctggggagaa gggcacacta ttacattttt agtcttcttc 143340 agtotgtgac agtttctatc tagttcttgc tgcctctcga ccttgacagt cttaaaaaaat 143400 tttgtcaggt gctcagcaga ttttttttt ctcaatttga attcgcatga tgttttctgc 143460 tgtaatgatt gaggttacaa attttggcag caatattttg gaggggagac accettetta 143520 tcacatgaaa gcaggtgata attatagaac tttttgttgt tattttgaga caaagtctct 143580 ctgtgtagcc caggatggcc cctggaattc acgattctcc tgttgttatt tctcagggtg 143640

ccaagettat ageaggettt agagactaca gtgtgettet tecagaettt caetggtgat 143700 ctttaaccgt cattacttgc ttaaggatgt aacttgccat cttgttgagt ttgctctgca 143760 ccccttttct tacattttta cacgtctttt tttctgttaa atgtgtgtga ttttttttt 143820 ctcttattat tcaagaactt agaagggcca ggaatggtag cactcaccta caagtttgac 143880 taccagcgag gctaaagcag gataatcaca agttctaggt cagtgtaaac aacttggtga 143940 aaatggaatt taaaaaagga ggcctgggac tatagctcag tggtagggtg ctttcctggt 144060 atttgtgagg atataggttc aattcctagt actgaataca gcaaagttta aaagtatctt 144120 ttattcggct gatgtaattg tcatcttgga ggtctactgc ctcagtgtgc taacccgggc 144180 cttgtcctgg aagcttctag gctccataaa atcttctcta ggcctagaat gttttagcct 144240 gagacataga ataggeteat cetttetage tetttetgaa etetgattgg etggtteaac 144300 tetgetgtte tggeteaaac teeteteeaa gatgatteaa attggettet eteteagtet 144360 gacttgttgc tgtgcttggc ctcaaactaa ctctggcaat ctgtgttgcg gtaaatctct 144420 aacccaatat gccctggcaa tgaaaacaca actcaattaa tatgaataca tgctgtgaac 144480 ctagactggg cagatctact gctactttac catcttccac atctatgaga ccccttagaa 144540 cttgtgattt ccccaggcca tgtgcttctg ctctgctttt cttccttatc cttctcccct 144600 gtgtcctctc cctcttccat ttttctcttt ctttttctgc tcctttcact ctaccttccc 144660 ttttatctgc ccaatcatca gctctccttt attttacact ttaaggtggg aagcaggttt 144720 acaggaaatc acctgagtgc tgactcattc cttgttcaca acccctcaca ggagaacaga 144780 gtgaacatca aatataatta gccccagggc tatccacagc aaatctgttt taatcttctg 144840 tetecteett etetggetea ttetgtattt acetgtgtet agettgteet etetetgeaa 144900 actgtccggg taaaattgtc ctctttcctt cttcacggct tcctttcctc tctcctcttg 144960 tgagagttgg gcatatccaa ttctgtccag tctttctctg attcgtcact ttgccactca 145020 actagatate acttteaaac atgggtgett catttttaca aagtaacttt acetecaetg 145080 tttgggatta aggacctgtt tgtattccag caagagggac tgaagctgtg tgctaagggc 145140 tgagccacac cacaactaga aacagatttt ttttttcaat aaataagaaa atcttggggt 145200 tcatagtgtg atcaagtatc cggcaaagta ggaagattcc ctcctctgag ctaaaggttt 145260 aactctcctc ttcctatagt tgtgtatttc agtatgtttt tgttttttct cctggcccct 145320 gctactgaaa taaaaattct gagattcaaa cctatttaca aatacctagt tcattaactt 145380 tgcctgttcc ttgactcaca agaaacatta gctcataaat taattacccc attattctat 145440 tctaaatcct gccatatgac tggttacctg gtcctcaggt ttttgctttg gtctccatca 145500 gcattctggg gtcattctct cacctgtctc tgtcccaaca tattctctct ctctctct 145560

ctctctctct ctctctgctg gatgtcccac cttttaactt catgcctaag ctcattggcc 145620 aatcagcttt ttattgacag gtcaatgttt ttatacagtg cacaagagat ttatctctat 145680 actcatttgg atgatcaccg aagctgttgt tgacagttat tcacctttta ttgttttcct 145740 ttttttaaag accaatgatt ctagagctaa agataatgaa ggaccctctg tgtagctcaa 145800 gcttgtgcaa ggaggtgaca gttgggtgat tcactagcaa tattttgact gccattagaa 145860 gaatagagtc aatcatacat ggttgtgtgg tgtactggaa agagcaggag atcagaggga 145920 cttggttaga atttaggttt tactctgtat tggctgtgag attttggatg atacaattga 145980 ctttcctgct tctctagact gcaatgattt gaaatgctaa aaagaattcc taccacttac 146040 ataaaaacac tgtcagtaag acagctagtg cctgcataga aaccctggag tatattagca 146100 ttgtaagttt gcacatacag ttgaaaggtg ttgaggaagg agatttataa gtgtctactg 146160 atatgtttat agatatttta ttttcaactg gaggtactgg tagaaatatt ctttttctat 146220 tgtcaaaaaa tttttttagc acacacatcc tttttgttac atgtcaccca actaattaat 146280 gagtttatta attgttttat tttatgaagt aatttgtgca tgtaggtgta tattactggg 146340 agttgaactc agggcttaac tgctagatta acttttgact agcttattat agtcaggctc 146400 tcatggagtt ttttctgtta agattcaaca attcatttac tctttcactt agataacgta 146460 gateacetgt teteaacetg tggetetgta acaaceettt cacagtggea gtgtaagaet 146520 tatcagaaaa cacagatgtt tacactagga tttataacat agcaaaatta gttatgaagt 146580 agcaacaaaa ataattttat ggttggggga caccatatta caaggtcaaa gcattaggaa 146640 gattgagaac tactgcctta gagtttttaa accactctct ctctttttta atgtaggaga 146700 gtgtgcctct tttcccacag caaacatggc ggaacaaact tcaacctgac gtcttgcgcc 146760 ctcaacaaag atggctacag cacttcctgc tcttgccttt aacaaagatg gtcgcaatac 146820 ttcctgtcta ggacttttgc cctcaacaaa gatggtcttt atggtacagg ttccctagca 146880 gtctggattc cggttgtagt tttagttatt ctttttttt tttttttaa acggtacgtg 146940 gtcgcagacg taagtaagat gactccatct tctctcgctg tccccgcgcc gtggcgacat 147000 cgcccctgcg cggctctccc gggggctgga ccggggttcg ggtggcggtg ccgggggtcg 147060 gtttcctccg agaggacagt ctgcggcttc atttaccgtg aaaatcgtcg gtagctctaa 147120 ctgtgccaca accacggctt tcagctgccg agacagggaa ctttttacaa gttccaaatg 147180 gaaacacgct gccaaaacaa aacaaaacaa aacggtcacc cacgccctcc tcacctgcca 147240 cctcccgatt tggcggaaga tcgcgagcaa ggctgggatc cgacgtcccg cttgtgtggg 147300 ctgagggtgg cagaagcccc gcccgccacc cttgctcccc ttgccttcat tgccaccgca 147360 agccaccccg cagcacacta gcgacctgag ctcattcagt gtcccatgca tgcgtgctca 147420 cggccctact gcgacccaca ttccgaattc ttgtgaggct tatcggtaaa ggcacacaaa 147480

cactcatttt cttgagggtg cttgtccttt ctttgaatgc tctataaact tctttcctcc 147540 ggactgtctt ctattgctgg tcagggtcta taaataaatg tccctggtgc tttttagcag 147600 tttctaaagc gtgggtgctg gactaactct ggcaaagcaa tattgaaatc cactattttc 147660 tagcatttaa tittatataa taatataaat agattaataa atcigtaatc citagggatt 147720 gcattttaag taagggatca gatctgtttt ctgttggctc tcttactgca caaggaattg 147780 aaatagggcc ccattatcgt gagaagcaga ggtagaaaca tccataatga gtgtcgttca 147840 ttatgccggg aagtgtttga aatatccgtg gtttggctta acagccgctt aggaaacacc 147900 gtggctcagc agcctcttaa gatataaaga cctgactgat ttttgaggtg ctcattaatg 147960 agtttgcagc aatacactga ctttgggggg gggggtgtcc atcagcattc ctgaaaccta 148020 ggtgctcatt ttggctcttt ccaggaagaa atggaagcca gagacaagca ggtactccgc 148080 tccctgcgtc tggagctggg tgccgaggta ctggtggaag gactggttct tcagtacctt 148140 taccaggaag gaattttgac agaaaaccac attcaagaaa tcaaagctca aaccacaggc 148200 ctccggaaga caatgctgtt gctggacatc ctgccttcca ggggccccaa agcttttgac 148260 accttcctcg attccctcca ggaatttccc tgggtaagag agaagctgga gaaggcgaga 148320 gaggaagtca cagccgagct gcctacaggt aggccccaaa gagatcccct caaaacagct 148380 ctggaagtgt tgcaaccatg cccagtggat tggaatttgg tcttttagga gggaccaggg 148440 ccacgagcat gggcaacggt ttggatgcag agggcatggc gtcggagggt caagacgagg 148500 aggcggtgtt aggaaactcg aggaaggaag ggaacatgaa ccctgaggct gaggggttaa 148560 ggagggaact gagagtacaa tttagacatg cttccagggg aacttggcaa gtcacatggg 148620 aggettgtte teateggaga geeaggteaa tetgageeet ttggeaacag gaacegtttg 148680 gaaagcgcag atgggaatgc aggctttggc ctactgataa ctgatttgtg gggtgccaag 148740 ctgccagctg gaggaggtca gatcatggga gacagcctct aggaaggcat gtcctgcacc 148800 tgtccccaca gccagcctcc aaggccaagg ggattatttt gaagcctgcc tttagtttgt 148860 ttttaaaggc tgttggtgta aagtggccct ttaaaattca gctctgtgca gacacctggg 148920 gaattttatt ttgcaagggc agtaatttgg gggtgcgagg ggggggggga tcttattttg 148980 attitititco aggaaaaaaa atccctggaa gcagtgatct gaaaagaaac agcttggtgc 149040 ttgtgagagg aaggtgctgc ggtataaatc actgttttct tcaactcctc ccagatatac 149100 tgctctttca caaagatgag ggactgacct agaaagatta atttttttt ttaaataata 149160 aaatggaaag ttaaccaagc caaaccaaat cagtagattt ccagagttaa gaattcaacg 149220 ttttctggtt ttcagtatag atatggacca agtcagtggt ctccagaatt tattgttaat 149280 ggtttttaaa aatgactgta acagagctgg tgtgtgtgtg tgtgtgtgtg agtgtgtgtc 149340 agcagcgaca ttggtgtcct gcctttatgg aggcagaggc aggtggttct ttgtgagccc 149400

agcctggtct acatagcaag ttctgggata gccagagcta catattgaat ccctttctac 149460 actcccaatt ttcaaataac tgtaattggt aacaacaaca acaacaaaaa aaatcaaata 149520 ctaccagtaa attactttta taatttaaat gtaaaactat gggtcttata ttttgaatgg 149580 ttctgagagc acatatgata attattttt taaaattaat gacatatatc tgaatatttg 149640 accagaatgg gatagccagt taatttagaa agacctggtg aacactcagt ggaaaatcta 149700 aaaatatett tatteetagg agettgteea aattaeatgt etttttgaaa eeatgagaat 149760 gccggccttt gaggacctct agaattttca gcttgggttg tccttagaaa attacatatt 149820 ccatgtgtct gaacaaaacc aggaccaagt atccctgaca tttctaccac attattacaa 149880 gcagaatata taacatggag ttgcggaggg aacatcaatg agttgtgcct ttctggtatt 149940 cacatcgaag gctctcctgg ccgcacgcag ttggaaatga caaaagaccc gaatgctttt 150000 cactcccaaa atgttgagtt taaccaggtg attattttgg gttatataaa cgttgtcatg 150060 aattgtcata gacatgagac cctcattctc acttcttcag gtttattcag agagcaagag 150120 agaactaaga tatcctgaag acattaaaaa gttaaggaga aacggagggg aaaggcgctt 150180 ttatatctag ctgtttatct tctatgtatg agtgctgcat cctgtgtgtc agtatgggca 150240 ctgcgtgtgc ctggtgcaca tggaggtggg aagaggggc aggagccttg gcagcagagc 150300 tgtagatggt cgtgagatgc catgtgaaag gcaaagaaac ccagtactct gcaagcccag 150360 ccagtgctcc taatgccgag cccactcccc agcctcaaag agcagcttta taatggaagc 150420 aaaaaccaaa aaagattgaa catatctgta tatatgctta ggaaaccagg ttttccccaa 150480 gacttgttaa ctctgttgaa gggttaaatg gaaacctggc ttgcctcaca acacaagtga 150540 gtgttgtgaa ttgtttgttt gtttatttta taattaactc tactagtgaa aaaattctga 150600 cctggggctt agatttattg atttcttggt gacatcaacc cattttcaag tatgactgta 150660 gttaaatctt gactatttaa actaatactg aaaatacaag taaggtagag atgagtgata 150720 gagtcaacac ctttctcatg ctcactttaa gaagagcaat gctccacgca ggggtagtgc 150780 tccctttggc tggtgcttac agatatgggt gtttttgggt tagtgctccc tttggccggt 150840 gcttacagat atgggtgttc tcgggctagt gctccctttg gctggtgttt ggagatatgc 150900 gtgttctcgg ctactgcggc agtgccatgc ctgcctgtct gctgccaggt tcctcgccat 150960 gatggtgatg gattctaacc ttctagaact gtaagccagc cctcaagaaa ctaattcttt 151020 ataaggaaaa acaaaaaggc gacattattt ctaagtctta ctaataagcc ctggattcga 151080 ggtttgtcag tcattctctt ctctcttctt cattggtagt tttctagctc acaggagtct 151140 ctttaaaagt tattattgat tattgaaaat ctattatgcc ttagggtcta gtggtaaatg 151200 atcatgtatt atatattatg tgttattata ttatatataa taattatata tatagtgttt 151320

tagggttagg gtagaagtta tatattttaa agaagtagat geetaaetge tttetgteae 151380 ttaaggcctt aaatatttat aagtgtctag tttcatgaaa atatgatttt gaaattaggt 151440 tgaggtttag tgaattggaa gctgtgtgag tgttgggttc tttttttagg gagtaggggg 151500 atgageggag gettagaace atggaceage ateagagetg aaatgeette caacttaaeg 151560 tctctggaaa aaaagcaaac aaacccagag tcctgtttcc tgggacctcc gtgtctctct 151620 agcacggtgt cagaactggg taggcacact tgtgcttctg aaaaggcttt gcaacccagg 151680 ctcagggaaa accgggcgtt tgcgaggcgc gcacacagta accttttcta gatttctgct 151740 tatgttggtt gtggttgtcc ctggactggt ttggtgccct gcggtcagga agccttgaga 151800 agaagcgagg agtgcccttc gcttagccac gcggcccatc cttcctcaag aacaaactaa 151860 ctttattttt attacagttt tctgcttggc tcctctggca ggctcttggt ttcccccttg 151920 tttgtgtatt aactttggtg tttcatttct atacttggag ctgccgagga tatttctgtg 151980 ttgtactagt tatttgcttt ttgtatatac actgaatgta agtgatatag agtaaaactg 152040 agttgtgtct cagtctctat tcttctaact tcaagtctca accaatcctc agacagaaaa 152100 gaacaaaaac tacctgaatt ttctgattat atctcagaat tttcttaggt ctcctaatgt 152160 ctgttttaaa aatccaagta taaaagtccg ggatgttgag cagatatttg gtttgcgtct 152220 tcctcacccc acaaggactc ttacctttta aaggaagaat tctgctgata aaatgactta 152280 atccaccttg gcacagcgga agggacactt ggcagcgctt cgctgcgacc aaggtcacac 152340 accagacatt agatcagctg gaagtcctct ctgggttcct gctgggtcac tttaggagac 152400 aggacagcac tgggtgtggg gaaggcagcc tgtgaccggt ggcctgcctt cccagcctgg 152460 tgggtctgtc tgagccgggg ctctctgtgg tgcccaagtt catctggctg aagccctggc 152520 ctcagtatct gatgggactc cgcgtcaggc acagtagagt ggctcacagg ccccaggact 152580 ctctgttcca gcctgtttgc tctggcctgg ctgtccggct gcagctctgc cacgatcctt 152640 tettaaeagt etcegggtag cettgeettt eacettgeet teeetttgge tggggetttg 152700 tttgtctctc ttttaccaac aggagttgtg tctatgctca gccacaagcc tcccgcccta 152760 gctagcatca gatacttcct teettggeee gtgeagtgge egeeetgagg ctageeettg 152820 tttcagcctt gcctgagttt cagtgggtca tcctgatgga caggatgtcc ttgattgcct 152880 tgccgtcctc atgggtgcaa tacacacagg gctggcttgc ccgttccttc tctgctcaga 152940 agetecagge ecageetgte cettetgage tggeettgag tgaceceget gageeacate 153000 agetggtete geteeteaga ggtacatttt ggetetgagg taaaegettg ggegtatttg 153060 aagttactga getetegtga eageegeatt acatategee ateggtttte tgaettagga 153120 ttcttcttaa agtctcctct aatcaggcca ttcaccaaag cctgccccgt gagataaccg 153180 ttgcgctgaa ctcagtttag ccagcctggg ttctagatcc aaggagattg ttccctctga 153240

tatccccagc ttgattatca tatacttccc ggggattaag tcaaacctga agggcctcag 153300 ataccagaag ggatteette etteettett teagatgtgt agtgggtgtt geeegtgtgt 153360 tagcggtcgg gtctggtact ggggctataa cggtaaacag aaccatggcc atggggttca 153420 ctgtgtctcc tggaggagga ggatcaaggg tgagaccggc agacagctga tgaattaatt 153480 accattgcat gtgtgtggtg gtgagagtgg gcaggtaagc cttagaaagc ctctctgatg 153540 tgttggcctc actcctggga cagagtagcc cgagttagga aagagacttc cctcgaaggg 153600 ctaagttacc tgctgtaccc gtgtgtactc agtgactggg ttacgacccg tccgtcgtgc 153660 tttccatcgc gcatctgaga ccttgtgtgg tccttcagat gaatgtagat catctgggac 153720 tcggaatgaa agagtagtga tgcccacgac gagaaggcac ctccccttct cttccgaagt 153780 agtccagata aggatagagg caccaggett caaccettge aggeagtggg atcccageag 153840 tgtttagctg ggttgctgcc cccccaccc cagccgccgt gtgctttcct acctacagaa 153900 ggaggcagaa acaagggagg attcactacc agggccgtgt agctttacct tgaacattgt 153960 cacaggettg ggattettet cacaagetee tgegttteta ceaecegget gageatgete 154020 tgttggagtg agtgttgctt tccaagctgg tggtgtctcc aggcatttat ggaaggacag 154080 gaactggtta agtttatcag tagcattatg gagtttgtaa ctttttatct aaacaccacg 154140 tttgcagtta tggcgaccct cagcaagatg ccgccagatc ctggtgtttg ggagctgggt 154200 gggacccaca catcatattc tttttctctg tgaaaacgga ggcctgggag attaagtcag 154260 cttgctcatc atcacatagc ttgttgatgt aatttattgc tgagactgga atcctagcct 154320 accagetett gatttagggt ettteetgee teacagtttt tttggeteee caetgggtet 154380 gaaatggaat tgtattattc tgtggtgtta atagccagag gaggctttta aacatttgca 154440 ctaatatagt tttttttt atgtttaaga gtaaaaactt caagattttt tagtatagtg 154500 gtttgagatt gtcttaaagt attttatttt tattaacgct aattttaatc atctacctgg 154560 gagtcgtgat aatccagggc tgcatcttat cagaggcttc ccccagcttc tgcaaggctg 154620 atgtaaggcg aggcagaaga cttttatgag tatttatggg cctgatgaaa taatgcatct 154680 gctggcagct aattgccact ctttctagga acggcaagcc atgtgacagg gcctgtccca 154740 gcagggatgg ctccatttca ctctcaaatg catttaatac tttttggggt tttttttgag 154800 aaagtctgac tgtgtctttt ttcctccctc ccatggccac agggactttg ggctgcatca 154860 gtcacccgat cgccttcagg tccttaaccg tggccgtgtg ctgggattcc ccgggggact 154920 gagaggctgc tgatgtcctg gtgttgttcc taaccagacc aatccatcac agagtttctg 154980 ggagtgtcct ctaggcagtg acattagaca cacgcccact gatttgagta caaacaatcc 155040 cgggcacgca tggcttaccg gggcattcta aatcgtagca gggagagaac cttgcgatcg 155100 ggcaggtggt tcggtgacgg ctccttgcgt gccatcgctc cacaaatgtg ggcggcccag 155160 aactacacac ggccggatga actgcttgtg ttttcagtgg ggggagacgc agtaaggtgg 155220 tagaacacgg acacacagaa agacattact tcacaggtgt tgttaatcct tgaatttctt 155280 gaacactttc tgaaggattt tccagagtac cagaccccag agcaagtgcg actccggtac 155340 ggactttaga atgttgggcg catacaggcg aaatgcacgc cgagacggag ttggagagag 155400 tttgcattag ctggagaagt tgaatttagg ccctggtggt ggtagcgcac gcctttaatc 155460 tcagcactcc agagacagag gcaggtggat ctcttgagtt tgaggccagc ctggcctaag 155520 gagtaagttc cagggcaaca ggtgtgtgtg tgtgtgtgt tgtgtgtcag caggggtgga 155580 gcagaaggag ttgaattcag ggtatatata tatatata tattccctga acatggcttc 155640 tgggtggaag agagaggacc taggcaggta gctctggctc atcctgctca cctctcaggt 155700 agcaggetgg gtgcctctga tttttttttg tccttaaaaa tgagtgtggg gcctggagag 155760 attgtgcagg gctcaagggt ctttgctgct tttccagaag gcctgggttt gttcctagca 155820 cccaatgtat ggtggctcac aacccctagt aactccagct tccgggggac ctggcgcatg 155880 ctggagagac acaaagatcc cgagttaaag atcatcttca gcagcctagg gaggtgtagg 156000 cctgagccct gtagaaccct ttattatata gatgaggcac agtgaacata gggctgttta 156060 ataactccct taaggtcact caggtgcatg gagccaaatt attaacttca gtgctttgac 156120 tttacagcct gctaacatct accccatgaa agcaccttat caaaatagac ttttcccttc 156180 gcctaattag gatagctcag gtgtgttcca gtgctccgtc cccactcatt ctcccttgct 156240 cctgtcagac acaagcccag gggctcttgg aaagtccttc tctttcctgt tgtctcagga 156300 gtcacttact ccctgtgtct cccctttcct ggtctccttt gatcctttgc agaggaggtg 156360 ggatctgaag cagggccctg cgtttctctc ctctcaggtc ctctgaagca gggccctgca 156420 tttctctcct ctcaggtcct ctgttatctt gagagtccta aagactaaag ctttggtcta 156480 cagagtgagt tccaggacag ccaaggctat atacagagaa accetgttte aggggaaaaa 156540 aaaaaaaaag actaaagctt ggtcgtgttt ggggacatcg tggtagctct gctgatgctg 156600 cagtcaggtc ccactttgca gctcataaat catgctctct acagctggtg ggtaccagga 156660 acaagttctg ctggtgtagc tccaggctgc ctatcaaggt agcactccgg cttgggaggg 156720 agggggggag gctcagacac gaaggctgtg gttgcagcca gctgcaggaa tgtttgctct 156780 acctaaatgt aataggcagc tgtgtttaca cgggtccttc agtttggcca gtaaggagca 156840 tagatgtata tgattettgg gagggtttae ceaecetget eeeeetttta aaatgtgatt 156900 ttttttttcc aaatagtcaa cctgaattta aaaggcagta tgacttctgg atgttttggg 156960 traggtttta gargtagget ttatttttge taatgatatg aaagatttge ceetttgtag 157020 gaagcgccag gctgagagtt cctggaagtg ttcaagttct atttatattc ggcaccatgg 157080

cagagatggt ggcgacacgg ttaccaaaat aacaccgtgg agatgtctga agtggttgag 157140 aggacacagg ggtaaacaca cccagggcct ctcagtcagc cctcaacaag gacagcggct 157200 gtgactagat agatgcgtgg gatcttttcc ccacccagga agcaacagca ttgctgtagc 157260 ggacaccacc tgggtgtctg ttggttctcc tcaagtctga cagcgtcatc ctgaagctag 157320 catgtgaccc cacagetgag geoccagttt etcataceae etcecagtte caaggecagt 157380 cacaagtgtc tgtcctttag tttcaaggtg gattccctat ggcgtttttc ctcttgttca 157440 attaattttt aaaagctact taccaaacca agagaagcac atttaccagt ttattataaa 157500 gcatgtttat gaaggatact gataagagat acacagggca agggatagaa ggagagtctt 157560 tcccacgtag accacatccc ggaacctcca gctgtaacct tgggctgtct ggaagccctc 157620 taagccctgc ccttggagtt tttaatagct tcatcacatt ggcacacctg atgaaataac 157680 cagacaactt aaacttcagg tgctctcttc tctccagagg gacaagatgt gaacactcac 157740 tgtcccagca cttgggagac agagacagga ggatcagaag ttgagtctca actccccacc 157800 ctgtcttgga ttctgaacga ctgtgcccat cccaaaaatt atcgagactg ttggtcactg 157860 gtctgttgtg gatagccctg gggctaataa aatttgatgt taattctgtg agaggttttg 157920 gatgaggaat gagtcagcac tcaggtgatt tcctgtaaac ctgcttccca ccttaatttg 157980 taaaataaag gcgagctgat gattgggcag ctaagggaag gtgaatagaa gatgaagagg 158040 gaagcacatg gcctggagaa accgaaagtc ctaaggggtc tcatggatgt ggaagatggt 158160 agtgtagegg tagatetgee cagtetaggt geacageatg tatteatatt aactgagttg 158220 tgttttcatt gctgggcata tctgagttgg agatttgctg taacacggat cagcttagta 158280 gcaagtaaaa agacatggct tctttgaaga ccaccaggat gtggaaagtg tatgtcaggc 158340 aacaggacaa gaaccagacg ttacttattt tgtgatatct tagtggcaaa taaggcctgt 158400 ggtcgtgaag cctgcgtgta agtccttaag agcaggtcac agtactatca tgggtggatg 158460 gggcatgcct gccaggactt gtcctgctgc cgtagctgta gaggatctta gaggcctcca 158520 ttttagagac gggaaggtat gttaacttgg tttcttgttg caatgacaaa ataccttgac 158580 caaagcaact gaagggagaa aaggctgttt tgggctttga gttccaaagg ggacactgtc 158640 catcctggca ggaaatgctc ggtgatagga cgaagaggct ggcctgcccc attgtaccag 158700 cagtccagaa gagccagaga gcaggagcta gggacaggtt atgcagcttc aaagccagcc 158760 cccagtgact ctccaccagg gccattcaaa gttctctttc tatccagtgc cagtagctga 158820 ggcatcacga attcagatac cagccggagc ccatggtgga catttctcat ccagaccaca 158880 gcaataggac tgttcccaaa cctataaaat gcatcagatg ggttctttgg ttcaagcagt 158940 aggactttgt actaagataa acaaaagtag catattgcat aaattcacac ctttgaaaaa 159000 actggctaac atggaaggac tatttaacag ggggccagat aaggcagtga gtgagtctaa 159060 ggtacgggat ggtgtatccc ggaagtcctc cattggacct gcttcgggat gcacattgta 159120 ggccaagcct gggtcctaag tgctgctgtt aggtgtggga atcacccgga gtggtgaagg 159180 tcatctgaaa acttgatggc tctcgggaag tcttctggag tctccagttc ctcttctctg 159240 cttccccaca gccctttatc cctctgtggt cttggctccc cccccccct tttttttctc 159300 gagacagggt ttcttgtcgc cctggttgtc ctggaactca ctttgtagac caggctggcc 159360 tcgaactcag aaatccgctt ccttctgtct cccagtttct aggattaacg gcgtgtgcca 159420 ccgctgcccg gcttggctcc ccctttctac ctggtggcct ttccactgcc tttcctctct 159480 cagetetgge egeceteege agetgeegga geeggeaage ageceaetge etegetgget 159540 gtctccacat cctctgcctc gcagccttca cagcttgact tgactgctcg gctgtgtctg 159600 ccacttcagt tttgctgtct cttttgtgtt aacagctcag cagagaaaag accatttgca 159660 cgagaagcct tttattaggc ttattaccgc agcaccaagg gaggcagcag aagagagtgt 159720 ctctcagtcc actcacggag cctgctcaga cagccagaag aggcgttcgg gccaatcact 159780 ctcttgcccc tcaacacctg tcatggttac cgaggcttgt gcttgtacca atcacagtct 159840 tgccccttag caccagtcca ttctcttgga ttttatgcca atggtggcat tgtcttagat 159900 aaataaatca cagccgcccc tctgctagac ccctggggga gcgctgcctt tctacccgtg 159960 ctggaaactg ttctagggtt acagagttca tagaggctac gacaacaaag ccctccggga 160020 gctggagtag gctcatcctt tgcacagttg tcacaaggcg accaggggac ttgggaaatt 160080 tattgtgaag aattctttt aagaaaatgt attgttttgt cttagtcaag gtttctattc 160140 ctgcacaaac atcatgacca agaagcaagt tggggaggaa agggtttact cagcttacac 160200 ttccaccctg ctgttcatca ccaaaggaag tcaggactgg aactcaagca ggtcaggaag 160260 caggagetga tgcagaggec atggagggat gtteettaet ggettgette eeetggettg 160320 ctcagcctgc tttcttatgg aacccaagac taccagccca gggatggcac cgcccacagt 160380 gggccctgcc ccctctatca agaaaatgcc ttacagctgg atctcatgga ggcacttccc 160440 caactgaagc teetteetet gtgataacte eageetgtgt eaagttgaca eacaacaca 160500 gccagtacat gcttcaaagt ttcatgcata tgcatatata ctgtgtatac aaacacacat 160560 atatgtgttt atgtgtatat gtatctatat ctctctcttc atgtatatct taatcataca 160620 taccggtccc tcagtccctc cttcaaactc gtcctcttcc ctacaaattc atgtcctctt 160680 ttaaattaaa aaccaaaagt ttaaaaagtg ttgagtcttt acagaggggc atggctgggc 160740 agcctgccag tggccaccgc tcagaacagt gaagaatctt tagctagtag aaagttactt 160800 ctgatcagct tctaaaggac tgacggtgac ttccaggaaa cacaagaatc acattagaag 160860 tttctttctt ttctttcttt ttcttttct ggagcagaag gagagtacaa gacacaatcc 160980 cctagagtca ggcccctctg gagatgaagt ggcttcctga cagggtatgt ggatggacca 161100 gaaagctgtc caagatagag gggcaaagag gctgcttgga aagtaacagg atatctcagg 161160 gggtcaaaac atcccaaact caggaaaagc ccctccccgc ccccacgcca gtgtcttttc 161220 ctcctcctcc ctgccctgta aggcggaact agctttgcat acagaacagc gatgtcaccg 161280 ggattcagct caggatgcag agcagagaag gcagagagcc gagaagtgat aggcaattca 161340 cagggttccg agaaaacagc ttgtgaacac ttaccatcgc tggctatcct ctgaaattac 161400 ggttgttatt ttattttcat gtctgtgtaa ctagactgca gtgttcttta aggcagacat 161460 catcaacaat ttttaaaaat tcaagcttag aagccatagc gtagcacaag gtgcgtatca 161520 gccaccgtga gttcgtggga cgtgcagaag aattactgta aaacccgagt cgtactttct 161580 tagagttcag attgtgacta gcgggagtca ggagcagacc cgtgcagtag aagagcctgg 161640 tgatcctccc tgtcgctgtg cacgatttaa tttgggtcat agtcctaaag ggacacagtc 161700 catcgtgatg gggaaggtgg agctgccaga acaagtgggt gctggtccct ttacatcagc 161760 agtctggaag cagagagaac aagagaacag ggagtgggcc ctggccctaa aatctcatgg 161820 ctcatcctca gtggcattct ttctccatca aggctcttcc tcataatgag ccggtgctct 161880 tcccagtgcc ttgcgaagat gtggacagtc ggccctccct caccagatac cgagtggcag 161940 cccttgacct agaatttcta gtatccagaa ctgagaaata agtttccatt catttataag 162000 ttacccaggc tgggctggca agatggctca gtggttaaga gcgccgactg ctcttccgaa 162060 ggtcccgagt tcaaatccca gcaaccacat ggtggctcac aaccatccat aacaaaatct 162120 gatgctctct tctggagtat ctgaggacag ctacagtgta cttacatata ataaataaat 162180 aaataaataa ataaacaaac aaacaaaaaa aaagaaatca ctgcaaaaaa aaaaaataag 162240 ttacccagge tgtggtatet tgttatagea ttataaatae aageeateat gttgtgeata 162300 gtaattatat ataatcttga tttgttagtg tagtacaatt taagagatca gtatggtttg 162360 taataagcta gttataaagt ataagatgaa aaatttgagc tatttttaaa taatctcaac 162420 attttagcct atatataggg aaagtgtaat agttcttctc agacatccta ggtttatggc 162480 ccagtctcac attaaaagac aaatgaagaa aatatacaac ttaaaaataag ttatttttgg 162540 tgtgtgtgtt atagtgtgta ctgtgcagta cccatgcaca cacatataga gaaagctata 162600 tagatacatg gaagctaaca ttctccatct cattattctt tcaaacgtaa tttattattt 162660 ttttattcct gtgaatgttt tgcttgcatt tgtgtctgtg taccatgtgt gttcctggct 162720 cccacagaga ccaacagggg gcgtcagctt ccatggaact ggagtttcag agagttgtga 162780 gctgtcacgt gggtcctggg aattgaacct cagtcccctg gaagagcagc tagtgatttc 162840 aactaccgaa ccacctctcc aacttccaaa cttaatataa ggtttatgac atggatgtcg 162900 ttctaaggaa attcagaccc agggaagcag ttggacttct gcctgtttat ttaggtctga 162960 ggaaatgaag acagttgttg agagatagtg taatccagtg gtaggagtgg gaactgacag 163020 ggtctgcaca ggtctcctct gtgaccacct cttcagagac aggagccact ttttcttccg 163080 ccataggcag gggtgtctca caggaggctc ttacaatcca cttcaaggaa ggggcaggga 163140 gaggtgcggt gagcagcctg cetetgetae acceecagae tetggaacgg ggcaectgaa 163200 ggcccgtcac caccacagga aattcatttc tctggtggag aagcactggc cgctctcctc 163260 actcatttcc agaaagtcac aattttcttg ctgccaccaa tgctggaatc cagggtttct 163320 tgcaagaagc cgaacaagga agagaagttg gattgtgtgc gtgtgaatac attacaatct 163380 tttcaatccc cgagtcaact ggagagagtc ttttcaaatt attactgcgg ctggcctgtt 163440 gctgcttcag ttagcagagg ctgggggtgg ggtggtggac tcaaatgccc tcccctaagt 163500 gcctctcaag gaacctggga ggatagtttc actccactgt ttaaataatc tttttgtttg 163560 tttatctttc ggtgagtatt ctatttcaaa gtcttttact agattattat ataaccgttt 163620 tttttcccct tttgagcgtc ttctattcat gtgccttctg acattaagtt ccaaaatctt 163680 teetttgttt teecacaate tgttagatta tagatggtte tgtttttgee agtgetgtat 163740 taaaatatto tocagatagg cogtotttgt cotgacactt ggottttoto toottgtgot 163800 tgctaaggca ttcctgacga ctctctcact taactgtaga gcgtgtttca aagagactac 163860 taaaagcttt ggcagaacaa ccacatcccc ccctcctcac tgttgcctag ccggttccac 163920 accacacaag actataggac acagaaggct ctattagcaa gtgggaaaaa aaaatcacag 163980 cacagocaaa toatottitt tittitottoa gioagtoago attiatigag gocatactat 164040 gtgccaggag ttaagtcagt ccggattagt caagtataag ctctaactgc ttcatcccag 164100 aaggttttcc agggctggtg agattacaaa cgatctggtc tctcatacaa actgagggct 164160 teccatggag cetggtggat eagttgteet eattggatgt tgteateate attagatggg 164220 gctgaagaac tgagctgtgc agattcattc agcagcactg gatacacaag agggagatgc 164280 ctgtgggtgg ggtgtgcttg tcacttcctt ttccagagaa tttgcctcct aaccccattc 164340 agtgtctcac gtctgaggct gatgccatta tttcaacttc tcatgtgagg aagccgagac 164400 tetgaceage caacatagea teteaeteta eagataetet gaaacatete agtggggtea 164460 aagccgggta aagtctggtt tctaccttct ctgccgggtt gctggttttc tctgcctcca 164520 aactagagtg cttcatccct ctactccagt ggccgtcaag acaagtgact gaagtgttaa 164580 aacctaaagt gctacattgc gggcagtgtt atattttcct cattttctct tatgcatatg 164640 aatgtttacc tgcatgtatg cocttgttct gttggcatgg aggccaggtg ttggatccct 164700 gacccccaga ctgtggtctg aaggtgcttg tctgcagggg tcctgttggg gactgaatcc 164760

ctaaatctac atgtgagggc tttgaagcag gtaggctgag ctgaggccag ggaaacaggg 164820 ctcccgtgac gtcactgatg atggttttat aagaagagag acaaagactt atgctgccta 164880 gtttgctacc tcataatgta attaatttt ttttttttt ttttttttt ggctgtcctg 164940 gaactcactt tgtagaccag gctggcctcg aactcagaaa tccgcctgcc tctgcctccc 165000 gagtgctggg attaaagccg tgcgccacca tgcccggctt aattaatatg ttttatcacg 165060 tcaagaagca gtaagaaggc ccacaccaga tgtcaaatag atattaggag tatgctctta 165120 tgctgcccag attccggagc cccagacaga gagacaactt ttaattcctt acagaggatc 165180 tggtctcata gttagcttaa ctgtcagctt ggtatagcct cgaggcacct gagagatatt 165240 ctccactaag gggttgcccg gggcggattt ggcccatatg agtatatggg gattgtctgt 165300 tggtgtagaa gtccccagta tactgtgttc accactgttc cctggcaggt ggtcctgtgc 165360 tctgcacaaa ggctcctagg caggaacctg tgatggatgg agtcagcaag cagtgtttct 165420 ccacggcctc tgcttcaagt ccctggttta gttcctgccc tgactcctct cacccatagg 165480 tgtcctggaa gtacaagcca gatacactgt gtcttccctg aagttgcttt ttgttgaggt 165540 atctgtcaca cagggaaaga ttaaggagtg cacctgatct tttgttaagg ctatagaagg 165600 cagactaaga aacccattac tgtctatagt ttttcttact tttagatttc cttggaaaac 165660 tagcagataa gtctctgcct gaccttcagt gacaatgact cctaggaact ttctagtgct 165720 ttctgtgtcc tgtttgctga atacaagcag ttagctagtc atttcaccag actgaaggca 165780 gtttgttctg gtcactagcc aggtagcatc taacttgtct ggtttcgggt gcattttatt 165840 gttgccgtta gtaactatta taatagcaaa tttcatgtgg gagcacacgc ccttccttcc 165900 tctctctctc aatgactgga aattccagtc ttgcatgtcc ccattaaata caggaataga 166020 cctgtgatta gaccctttgg aacccatctt tgtctagggc caaatcttta ttcaaatgag 166080 ggaaacttga agagtgaaag tctgaagcct tcaggattgg tcccctctgc actgatgttc 166140 ccaggeteag tgtecaagea gacaaaatga aageeacete teecacagag eecagegget 166200 ctctaatcca gagccatctt ttctggctga acaaaataat attctgtaca tagtggcttg 166260 aactttggta caggtttgcg caagtcagtt tttgtcagtt tagagtcacc tgaggaagaa 166320 aggaccccag ccaagggctt gtctccctca gactggcctg tgggcatgtc tagattagtg 166380 attgatgtgg gaggtctcag tatactgtgt gtggggccat tccagggcac atggtcctgg 166440 gttctacgag aaagcagget gagcaagccc tggggaacaa gccaggaagc agccetcccc 166500 catggcctct gctctcactc ctgccaccgg gttcctgccc tgcttgagct cctgccttgg 166560 cttctgtcca tgaacctggt gtagaaatgt aagccaaata aaccctttcc cctccccgag 166620 acttttggtc gtggtgttta ttacagtaac agaaaccaga ttaagaagat ggcgagttcc 166680 ccacacgtca gtgtggtcaa cactggctcc caggcacgcc acactatttg gggggtttgg 166740 ggacctttac gagataaggt aggtagggtt ggttcctggg agggcatgca tgccttgaag 166800 ttacttctgc tcactttcct gtccaccatg atgcgaccag ccttttctgt cccatgctct 166860 gtttccattt ggcttaatct cacgaagcca actgacttgt gaccgaatcc tccaaaccat 166920 gagetaaaag aaateetgta aeeteetgta agtggtteet ateaagteet tggteeaggt 166980 gtgcagaaga aactaatata tttactaaat tctgtgcctc tgccctggtc cacatctctc 167040 ttctaggtta atctctagcc cacctgctgg gctggttgtt agcttagttc tctcttgacc 167100 cttcgtttgg ttcatggaga tatacagaga tggtgggggt tcttgctgct gccttctgct 167160 ctgcaccact ctctcagcct tccatttgga cagtctgcag ttttctatct ctgcctcttt 167220 taggaggcgc acagttttaa aatgaaatca agtcttcaat agaaagaaac gcttatttag 167280 tgcactgtag gaggcagagg gccaggtggt aacaaactat tgcctgccgc ctgatttctt 167340 ttgtattgtt gctgccttgc catggaatat agagtgtaga agttgggaac ttgtggcttc 167400 agttatcctg tcttgtgtga cctatgacgt aagaatagat tgtgtacgtg tacatttata 167460 gtgttgtgtt gtgggtgttt gtgtgttgtg taagtgtgta tgtgtgtata tgtatatatg 167580 tatgtgtata tgtgagtata tatgtgtatt gtgtatgttt gtgtgttgta taagtgtata 167640 gtatatatgt gtgtgtctga tactttcact ctgtggcaga ggctggcttc ccattcatga 167820 tctgcctgtt tcagcctcct gagtgctgag gttacagctg tgtacttgta acctgacttc 167880 taagaatggt ttatacttcc ttttttttt ttctttcgtg aaggtgcaga ggaacaaacc 167940 caggetttge acaegetage caaaatetet gegaeegage tgeaeeteea agteeaattt 168000 taagtggcca aaaagacgga aaacagtttg tcatggcagt tcaaacccag cgtgcagaag 168060 taaagtttta ctggaacatg caatgctcta tttgttaaca tgctgtctct ggctgccctc 168120 acaccacage agtggagtta agcagetgea acagagetet tgggggccaca caattecaaa 168180 tgctccagtg agaaaagcca ggaagcctgt gactcctctg ctggagtctc agtgctgggt 168240 tagagcaggt gctcagagtt aattgtttgg gaggaaagcc tagagggact ttcctgaggt 168300 aaacagtccc tgtggagccc gtcattatct ctgccacttc ttttgaactg ggtttcgcca 168360 gaggagattt gtcataccag acccattgag ccttttcttt cttttctctt gcgtgcagaa 168420 gaggagagag agcattgggt aacgctaact gatagtgcct ttgtgctctg ctcactcaca 168480 cgaggatctg gtttcagggt gcacccagtt tagtctccag gtcttgaagt actgggctgt 168540 gaggtaacat tggggtttaa gtactaacca cacaaagagt tatgcaaggt ctgccccatg 168600

aagcettget tittgiteet giccateggg tactitatae atteecacee aacegiceat 168660 cttggctttg ttctcatctc tttggaagga aaccattaat taccaaatct caagaagtcc 168720 taacaagtga teetaageaa agttgageat etettetgea accegagetg gteattgtge 168780 gggttttgcc ttttattttg aggtgcacct gagttgggtt ctctgcttcc tatggactgg 168840 ttaacatgga cagtgctgtg ggctctaaaa ggcatcaaaa agatgacatc agaaactgaa 168900 tggagcgaga gcctttctcc ttcaagaggt tgctatgtgg aaagaggcct gggaattgtg 168960 gattagtgtc tttcctttcc ttttttttt ttttttatg gtgctgggga ttgaacccag 169020 agtotoacag atgocatago actgagocac atototagoo cotggatgta aatttocaaa 169080 cagettacag agagggetae aaagaaataa cagtgagaca ggtgteaegg ettetaeett 169140 tagccctatg actccagagg caaaggcaga tagaatccct gtgagttcaa ggccagcctg 169200 gtctacatag caagttctag gtcaggcaga gtgagataat gagactctgt ctgggagaga 169260 aaacaaaaca agaggcaaag gaaaacaaag cgctagtgag ttctacacac agtacacaca 169320 gtctgttgtc cccaggctcc tgttcatgga ctttgccgtc tttacgacat gacttctgtt 169440 ctcatggtcc tatgttgcct ctggagtcat tctagaagag agaggagaca agagagaaga 169500 cagcagaaag ggggagtgat actccctgta ccccaaggag agcagctgtt taatcaaacc 169560 ccagtgcctt ggtcttttgg gaatggtaac cacactttct agtggctttg aaggccctag 169620 cttcccgtgt tgatgatcca gttccccagt cgagcccagc agggctgttt tggaagagag 169680 acatttatca gctttttctt tctgatgtaa caacaccatg tcttttcacg tgcagttact 169740 tecteattet teteactett ettettetet tecaacaete etatttette atetecaett 169920 attcccttca cattctttct cttttccctt atcctcctct cattttctct tccccctctt 169980 tottttccct tttaccctct tacccttctt tottacctcc tctcttcttc tctttcccct 170040 cetteettte ttteeetttt tteettatte ttatetacee teeeteettt cettttttt 170100 ccctccttcc cattctctct ctccctttta tgctcctccc ttcacccttt ccctttcttc 170160 cettttttee etttetet etettettt eettttee geeceettte ettteetace 170220 ttttccctcc cccttccttt cttttctttt ccccctcttc ccctttttct tccttccggc 170280 ctcttctatc tttagccgct ctctttttt tttgccacct ctcttcttc ttttttcatc 170340 totttotoco tittoottita cottotoott tatottitto cattotgito tacottotoc 170400 tatatetttt acetttttet titttatetg tecteeecte teettetetg teteeteece 170460 ctttctaccc cctcccctct ttcttgctgt tctccttctt ccattttctc tcccctttct 170520 tetegttett eetegetgtt attetettet attetettee ettettetet etttteeett 170580 tctgtccctt ctttgtcttt gttccccttt cctcccttct ctcannnnnn nnnnnnnnn 170640 nnnncctttt ctgtttcctt ttccttttct ctttatttcc agtctctgtc tctcaaaaac 170700 aaacaaacaa aaatcaacca aagaaacaaa atgaaacaaa atccccaaac tccaacaaca 170760 acaacaacaa caacaagaag caccttcatt ttcaggtccc aatataatct tttctcaaag 170820 ccttttaata ttctattgaa tttggagtgg gttttccctc ccttgattct ccctagattt 170880 ttgtagtact attttaacca tcttttgtca tagttacctg taatcgtctg taacccccct 170940 aataactcct caccatcggt tgccaggccc tctgcggaag tcacagccgt cacagaaccg 171000 tgtatgggaa cttaaacttg aagaagtttt atgactcaca gtctgaggga gggaacatgg 171060 tcaacaatgg cgggaaaggc aagccacaga aatggctcac ggcagtagta tcagagagtc 171120 tcatggggct tagattgacc accagtagtc agtaagtaga agacactggt ccagactggt 171180 aataaaggtc ttacaatttc cccaaatgcc aacactaact gggaaccaca tgatcagaca 171300 catgagtcag tagggagatt tttttacatg gactctgtag ggctagggtg agggctgaag 171360 ttaaggactc tggcttagac tgtgagggca gcatcacccc caattcccat ctttgtcagc 171420 cgcccacat ctactggatt gcttcagatc tagggtggca tggagacttc tgttttgttc 171480 cccaccttaa cagagaaagg acaagcaaag tgtgggttct aggctgctgc tgctgggcct 171540 ggcactgatc gacaggctct ggaaactgca ggttctgtat cccaggctgt gagcgcttgg 171600 ctcaagttcc gcagtgctct ttgtagaggt ttcctgcgaa gagtgcttgc aaccacagag 171660 ccatctccct cactccactc cccctgttct tctttgactc ttctggctag tcttctggga 171720 attgggtttc atagagcagt gctcaccagg tctctccacc ctcgcctgct cccccgggct 171780 ttotgttgcc tocottgcta gtggaaacag otototaagt aagogcacot ttotgacotg 171840 tggtgacctt ccaagggggc acageegeet getttttagt accatetget etgeagaetg 171900 ttgagagcag cggtcctcat tccattacac agagcccacc ttttgtgaca gtcacgctct 171960 gatecattte acaagtgget taagteattt atgtegtttt tgttttaete acteagggat 172020 cgagagggta gacctctttc ttcatcatcc tgaaccgcat ttcacacctc agactgactc 172080 tcagaaccag ccaaatacag gacttggctc tcagatggct gtctgtatgc tgtgatcttg 172140 agggtgggag agacagggtc tagccaaaga tggggattac cttcaaaaag ggccagaagg 172200 ctgtttctca tttgttcatt aaagaaaaca ggtgccaagt aggttccctt tttacaaatg 172260 cttcttgtag agatcatttg aataaaactt gcggtgtaat agaagtagtt gctctaggct 172320 ccagttttga ctgatttctg ttggttctgc aggtctgtgt gggccacaca ggggtttcgg 172380 ggagcggtaa ctatccacgg cagggtgtct tgatgctggt ggtgctttgt tgtttttaga 172440 gttgctttta tttccagtat atgagtgttt tccctgacgt tatgtatgcg caccacgtgt 172500 ctgccccgtg cccgaggaat ttagaagagg gtgtcacatc tcctggacct ggagtgaggg 172560 acggttatgg gccaccatct gagtgctggg aacagagccc aggtcccctg agagagcaac 172620 aagtgettge aaccaetgag ceatetetee gegeeecetg tigttaetet taagtgatta 172680 agacaggaag cagtaatgca gagttcccag tactctgctc agcttcccaa gggtaacacc 172740 atcagtgacc acggtgcatt gttcactaag ctggaaactg atttggtgca gcatggcaag 172800 agatgtcact aggatccagt gtacgtatat gtgtgtgtgt gtgcatctct gtgtgtcatt 172860 ctgtgcacct tcatctttca agtccccttg atttgtaaca tggtcgtttg tcatgaaatt 172920 agttggaatt gctcatgtga ataaggagac cacactggaa gtgacgtcac tggaagggaa 172980 tcaggaagta gagagtcagg ttctaattcc atttctctag ccatccagct gtgctgtttc 173100 gatcacatca caaacatgct cagagcatcc ctccctcatc tctgaatgga ggcgctaagc 173160 caagcaagac tettgattee cetttteeet teeetaaate eeteataget getgetttte 173220 agcagagcat gccctgccag tcactgaatt gttgtcgccc caaacctcag atggacacat 173280 cccgtcttct tccattgcta cacctgtcct cagtagcagt gcctgctgcc ccagggagcc 173340 ctctctgtcc tcagtggcag tctccactgt cccggggagc cttctctgtc ctcagtggca 173400 gtgcccactg ccccagggag ccctctctgt cctaagtggc gtgtctatgc ccccagggat 173460 ccttctgaag tctgccctgt ctcattactc atctgggttc gtggaatagg ttgcatatgt 173520 getttetace aacaattgte tacatageaa geagaattta eaaageagat eeactteggt 173580 ggcccctcgt gacactggag gaacagttcg ccccagctcc tgctgctaat ctgagtgtca 173640 gctatcagtt tecetteete tgeetggeea eeageeaegt aggeteegtg etgtteeagt 173700 tgccgagtct gtgcctccct gtggtcttgc ctacctgctt gctcacacta tctcatgttc 173760 tectetgeta attagececa tettgtatet tgetgegaca cetetecagt gaggetaetg 173820 tatcagetee etececcaag teaettteee ttatgeeace teaggetget getgetgeea 173880 cagcgtgtaa taccatatga cttggctatc cttggctgtg actagactgg cgagctaacc 173940 ctccccagac tgcaggctcc ccagaaaggt ttgcctcagc tgcctggttc atgctgcatt 174000 aggataattc cctggccaaa gaagccatca ataattgttg aacatgtgca gtaatggacc 174060 agatagtcat aatagttctt gaaattgaaa aagtaattaa attaaataat tttatggtaa 174120 aatgattaat tittiggtat gittiggatt citcigggaa cattcitaac agatteetat 174180 atagatttct tttatgtgtg tgtattgaca aagggtcttt tctgaggcag aaccttttga 174240 ggtgatgacg ataaggtttc tgtgccctga taagaaccaa gggccttgaa catgctaggc 174300 aaacacatac catcaccgag gcagctaaca caccatactg agccgcatcc gagcctcagc 174360

taacacacca tactgagcca catcccagcc tcagctgtgg ttttgcttta gaaaaatcag 174420 ggtttgactt tcttggcctt tcggaagcgc aggaaactca ggatcatgtg gtttgacatt 174480 gagccagatg tgcttttgct gtcagcctga atgccttcct ttccttttga atttaagatg 174540 tcaataaggg ctcgagctgg gagctgctga ttctctcgta taaaccgaaa gacgaggttt 174600 acgtccttgc ctctcttctt aaattcttgt ttaattccca tttattgatg gtcagaacca 174660 cacagtgaaa ctgccactgt aaacaggctc ccagacctca gcacagctga ctctatgata 174720 gaagtaccat ttaggccttg aaactcagtg catagaagac agcaccatca gccaaagtga 174780 aaacaaagac ctaatccatc aaagtccaca gttctgggaa agtctctaaa tgcactaacc 174840 tggctttttg gctcctgtag ttcctcttct ggctaactgt tattgttaac tgaagtatgt 174900 caacctagca tatgttttt gtgcttataa tcttgccctg agaaaggctt ggggctttgt 174960 gggatcccaa acacccaatg tagtcgccag ccggctaata aagacttcct attggctcaa 175020 atccatgtct gagtcgtctt ctctggtgat gccctgcagt atcccttgct tgctgcctgt 175080 tttggaagtg tgatgggaga tggaatatgc atccctgcgt ccagcgtggt tttatgggga 175140 ggaaatactt cacatttcat taaccatcct catcaaaggg taattttctt ttctctcaat 175200 tcgggaagat ttatttattt accettttaa aaatgcaata gaaagcaacc tccageggcc 175260 caagtgttga cattctggct tcttttgtta tgtttttttt gttattgctg ctaatgaaat 175320 aattttcaat caagcacaag tgcactttac aaaattataa agtggcattt tcttttaaaa 175380 gcatcgtact attttttca ttgttatgct attagcttct agggtgtttt cttgagttct 175440 ttccttttgt tgatttttaa agagtcatgt gtcaatctga gtgtgagtcc agttatgaaa 175500 tgggagtgac agaaagaatg agatacactt caagatccct tcctggcctc ttgatcttgc 175560 tttcttgttc atgttctttc tctacaccag gggtggactc tagcctgcca acctcttgcc 175620 ttcatctccc aattgctggc atatactacc atatatgccc cagctcaaaa tagtaatttc 175680 cgtgaatttt tgtttgtttg ttttgagaca agatctcatg tagctcaaac tccccatata 175740 ggatgactgt aaatteetga teeacetgte tttgateeca agtgetgega ttataagtgt 175800 gcactgtgcc tagcttaaaa tcatccattc ccttcctcag gtccaacctt atcttctcta 175860 tggttttgtg gagagataaa tctaacttga agaaggtgac ttgggagaag ggcaaaggat 175920 gaaagggctg tttttcccaa agcttctcat tggcagagct gaaaatggct gctgtggccg 175980 gtaaaagagg ctcacctttt aagggccttt tggctccaag atagagctgc tttgtataca 176100 ccaaaggatg ctgtaaagga aaggaccgtt tgcaatcaag tgttttccta ttcttgtagc 176160 atctgaggat aattttagaa ctccccactg ttaaatgcaa tcattattta ggagttagaa 176220 tatttataag tatgatgtga ttgcacattt catttctgtg ttaggtctta cctgtgcctt 176280



ttaagtagta tagtaaatta ttttcttgtc tgtggatgga ctgagaaaga gtgtacatat 176340 agtttgccca gtcgctgaat tttatgacac gtccaattca cattgatgtt gtagttttgc 176400 cttgggtaca tttcaggtga cttttgttga cctgaaatcc tgtcagaatg attgactcag 176460 agaactcctg ggtcacgtaa ccagagtgtt tcatgtcctg tgagttaaat ctgtgtggaa 176520 ccatcactgg atattagacc tgactgaatc tgccattttt atgaatgatc aggaggaggc 176580 actititgcgg attacagcca gtagcaatgt ggcatggtga atattictgc tcccttgtct 176640 tgtttcagta tactgggcag cactttgtcc cccaatttgg ttattaaagc cactattaaa 176700 tatageteet atgteacaga ttagaaatte aggagaagtt ageacaegte aetgtgtatt 176760 agttgaagca acaggcctga aagatgcact tctaagatgg cttctttctc agtgcctgca 176820 atagetgaca getggggtee teetggetgg gegettgeet gggtetetat caatgetaca 176880 cttcctcaca gcgtggaaac tgacttcctc agaagttgag ggaagaattt cagggtccca 176940 ggtttctttg aaagtactac caggcatagt gtgcaagcat cacctctgta caaccctcag 177000 aacacgagtc ctctggcatg ttatggtcaa ggatgtcact aagatcagcc aaggttcagg 177060 gccaagtgag ggcagagatg gaggtatctc catctttcaa aggagaacaa agaaaggatt 177120 traggerace ateaaceeca tragaaaagt atttaceaag taacaattta taagtaceec 177180 accaggacce ttecaagtge tggagtgete acteacaeaa aaataatetg etgeageaea 177300 teettgteae atgatgaaga geetgaetaa tgteaacata tetagaaage tgteagtett 177360 ctctgagtcc tggtaccaac tagtttgtca tgagagaaca aaccatatat cctccagctg 177420 gaaggggcac taagagatca caccgtcaca atgatcacct tccagaaaga tttattgagt 177480 atcttttagg tgccagaccc cgtgtacaca gagaagaacg tgccagactc tcgcccttga 177540 gacagggttg cagaaataga ggaaatgtat aagagatgac taggaggcca ggggatttca 177600 gctgacgggc aaacgccaga gtgaggggtc ttcatggatg ccggtatcac acaatcatga 177660 atgacagcag ggagaggcag ttagcaggtg gttgtttatc tcattgaaaa taaattccaa 177720 agggctagtc attgcctaca agttcctctg aaatatgatt ccttgactcc cctctaatcc 177780 cgttgcttcc tgacttaaat ccggtgttgc tataacaaaa tactttaggt cagatacttt 177840 ataaagccag aagggtctgc ttagcttatg gttctgtagg cataggcgga ccgtactggg 177900 accttatcag ctttgatgag ggccccatga cttatgtcag gagtgcatgc gacagattgg 177960 gattcacctt ctaaaaagag ttactgaggg atttcttgta acaacgcatc cttgtgagaa 178020 ctcttccggt cttataagac ttgtgtcatt cttttcaagg gctcttctcc cagggccttt 178080 ctgcctaccc atagccttgg attttagaga ttccacactc cagtagtttc tcactggaga 178140 ccaggtttct ggtacactaa catggcgggg gttgaggcag gtcataacca agtcgcagcc 178200

aagtgtctca ggcctgatgg ccttagtcca aggcttgtgg tggatggaaa gagtcgactc 178260 cacaagttgt teettetet eegeatgaca tgeteagace eteaaacaaa egaagtaaat 178320 aaataaatga atacttaata tttaaaagta ttggttaacc gtgtggcaga accttaaaat 178380 ggtagaaaag aaaaccataa accggatagt ttgccaacag tggcttattt atcaccattc 178440 tagaagccag gaagtccttg cataccagac tggacatctg gtgcaggcca tgccctgttc 178500 ataggtggca cttactggcc tgtggagact cttgcatgtc tacgcatgtt acacatacac 178560 aaacacaca acacaccacc accaccaaca ataacaacag caaataataa tataatacaa 178620 atctttaaaa gaaaggtaca cacagagggc caagagtcag aggagcaagg ttgttgtcgt 178680 ggtgatcaca taatgctgac agacagtgga gggaagctgg aagtgtgcag tttcaccatc 178740 tgtgtcagga ctagcttctt tgattccatg cttgtctctg tattccgtct ctcacatagc 178800 agccagcggg acctttaaga aacaccgcca cggaggacta cgatagtgag tatggaccat 178860 gctgttgtct gtgggccgtg ctgccagtga gggcaatgtc tgggtctatg atcctgctat 178920 agccaggage tgtgatggtg tetatggeee gtgttaatee tgaaggeeat gtggatgeee 178980 atggtcggtg cagctacctg cagccatgtt gttatccaca ggccatgctg ctactggacg 179040 ttgtgatcat gtctgtggtc tgcactacca cgtggaagtc cacgatctgt gttcccgctg 179100 attgtaaagg gcacaggtta ccaatgactg caaattcaca gttgagaaag actgacatag 179160 aaggetteta ggacagetee eeteececag taacageeta aacaggaage catgaagaga 179220 actetteaat gtgagataag gatgetgaag tgtagetttt aagaattgat ggettetggt 179280 gggggtgccg gtagaaaaga acttagatat ttttaagggg ctagctactg gaagtttgac 179340 catgctccat actccagaga gcatatggca atacaagttg gacttgtttg tatttattta 179400 tttacttact gatttacttt gtttgtttgt ttgtttgttt tgtggggagg gtcacaagga 179460 gagagttgga cctgggaaga ctgggaagtg agtgtgattg gggttcataa tgtgaaattc 179520 cccaataatc aacagaagta ttatgtatat aaaaccacgt aggtcgggct gtactattct 179580 cctgtccaaa atacaacaac gggtttttgc tgtgtttgca ataaacacag gctctccatt 179640 atgttagcat ccacactgcc tccagcgtct ccttctactc tttctcctct ctgtgatgga 179700 catctccagg cccttgcact gcagttcgct ccctggacca ctctggacct gcaactctgt 179820 gcagctgcct cttcctccag gcctcgggcc agataaccac agcaggatga ctgtctccgc 179880 ctcactccac cacccatcta cttctgtgga gttactgacg gttgggaggt accttgtagg 179940 tgctggaggc agaacccagg tcctctgcag gactagccag tgtgttgtaa ttgccactgc 180000 gcctctccag cccctcttgt tcttatcaac gaagccctca gttttctctt acgtaaggca 180060 ttggcggtac acggtcagac ttgttaccag aggatacatt aggtgccgtt aaaaaagaac 180120 agctggaacc tggtgtgctc tccatggtaa ctttgtcaag atgtcacttt ttgctaccca 180180 gaaagtcctt ttcattctgc ctgtaccgcc agcatattgt catatccagc gcaccctgaa 180300 aaccttgtag aatcaggaac tgaaactcag cggtcacagt ggataggcca gagacccgtg 180360 aaggetgagg etgggaaage tggetggaet gtatgagagg gttgaettga gtgeaetggg 180420 tttgggattt taagtgagtg ttctgtccca ggacactgaa agaatttggg gtaatttact 180480 gttaatttct cttatgagat tttgaaatgt agcaaacagg attatgtgga cagacaagtt 180540 caagtctggc tttttgagag tgaagaatat gagttttaaa tttaggtggc taatcccaac 180600 atttgggagg gtgaggcagg aggattgcaa gctatgtagt gacctatttt ttgttgttgt 180660 tgttcactaa aatgaagcca aaccaatagt cctgcattgt gatttttctg tgtatgtagt 180720 ttagagtgtc tttttaaaac agttgtttgt ggccagaagt ggggccagac tgtaatacca 180780 gcattgcaaa agatgggagg gttgctgtga gcctgatcaa tggagtgagc ctgtatcaaa 180840 aaaaaaaaa aaaaaaaaa aggagggtga gagaagggtg aggggaagga ggaggaagag 180900 agaggaggag gagcagctta agataactaa atgttgttta ggggaaagtg tgacacccca 181080 agagaaagga gctctggaga attcaattgg aaatgttcca gtcatcactg atttttttgt 181140 agcagaatca ggatgaactc caggcttcta caaagcatca gttgctcgta accactgagc 181200 cageteteta acceatiget tatttacetg tegitgetgt tgtttgttgt gtgtttgaga 181260 caggagetea etttatatee etggeaggee egaaactetg ggaettttat geagateaag 181320 ttctgaggaa gtctagaact ttggactttt tgtgtggacc atccattgag tcagtggctc 181380 aaacacacag agctctgtct gccacccacg agtcttaact gaactgcaga atgttgcctg 181440 gtccagtttt attaacttta aaatgagaaa atggggcggg agccattcat gcttttgctc 181500 cctacgtcaa ttcctcacac tgtgtgtgt tatgtgtgtt ccttgcttca gccttttacc 181560 tttctagctt atcagcaaag atgagcatat tggttttatt ttcagctatc tgaaaatgtc 181620 atgatcataa cagttattat ctgtcatgag agcaacttcg cgagaatgtt gctaaacaaa 181680 cacaaatgtt atcagttgtc agcagacatt tgttgcagag gagaccatat gtgacaagat 181740 gtgtgggggg aaaaagtaaa aggatcagcc gttatcacat aagaggcgag aatcgagtga 181800 agtttagtct taggaattct tgttatcaaa gaacctttat cgaggatagc cagcacctca 181860 agatgcaggc aatggaagct caggaaaact aacacacaca gagatcttct gactttgcct 181920 gtgggagete tgtegeagta atggattett geageeetgt gggeatttet tggateette 181980 atttgctttg gtctatggta aagaggtaat ttcactaaga gacaactgtc tacattagct 182040

cattaaaagg tetgtaceeg ateaagagee tggatttgea aatgaaatae acacacac 182100 acaccagttg atttttatgt cttgactagc tcaatggctg gacacttcta aacttctgcc 182160 cttcagtatt cctggcttaa caccttcctg gctcaaatgt tttatctttg ctgtcctctt 182220 ccctttctac ctacattgtt ggatggtttc ttggtttctc ttctgcagct cttcagtctc 182340 atccctctgc ctctgagtca tgacgattct cctcctcctc ctctccccg tggtcccttg 182400 gtcccttgcc agatcagtct aaaagttctg tctctgtctc cctgactagc catgggatgt 182460 atggcaattc tttagtatca attgaagcca gcctggggca ggtctggaag ggcagcttta 182520 ggggaatcaa atccagggct tcatgcatgc tatgcacgga tcctatcagc tgagcggcgt 182640 cctcggttct agccgtgaat cttgcttttc tgtttccgtg gttttatctt tgcagaacgc 182700 agcatcattg ggatcatgtg gtaggcagcc ctttagatgc cttcttccat gtagcaatgg 182760 tcatttactg tgcctccttt cctcttttca tgagcgacta gattcttttg ggtgctgagt 182820 aatattccgt tctctggcta ggctgtgttt acttatccat ggacttatgg agggatatct 182880 tggttgtttt cagatttcag cagttttaaa tagagcttct gtaagcactc atggcatgct 182940 ttcttgcgtg atatacaact tcagtatagt aagtggatga ataccaagaa gtgctcgtgg 183000 tggcgcacac ctttaatccc agtactcagg aggccagagg caggcgtatt tctgagttca 183060 aggccagcct ggtctacaaa gtgagttcca ggacagccag ggctatacag agaaaccctg 183120 tctcaaaaca aaaaaagttt cattttgtaa ggaactgtca cactgtcttc taaagtggct 183180 ttgcagattt gcgttcccat ctgcagtgaa taagggctct cgttgctctg agttcttgcc 183240 agaagttggc gttgtcagga tttgggtttg gccagtgtga taggtacaga gtgggatctc 183300 actgtgattt aatctgcagc tccctcgtga tttaaaatgc ttgtcacatt tcacctgccc 183360 acctgccate tgtgtatttt ctttaatgat etetetetet etetetetet etetetetet 183420 gagacacaac aaagaggcac aacaaagaag acagaaaaga aatacgcaga acagcgcaac 183540 gaaacaaaag acaagcacaa agaacacaca acgaaacgag agaacgaaga aagaagaaga 183600 aaaacgaaca ccagaggacg aaaagaaaag aaggaacgaa aaatgccaaa caaaaaggag 183720 aaaaaagaga acaaagaaca gcaacgcaag ccccaactaa aaaaaaaaa aacaacaaaa 183840 atacaacaac agaaaaacga aacaacaaaa gnnnnnnnn nnnnnnnnn ngcgagatta 183900 atctgcagct ccctcgtgat ataaaaagct tgtcacattt cacctgccca cctgccatct 183960 tecetecee acteteteac taceteettt eccecetece teteettete ecceaeceee 184140 ccatcattgc tgagttcttt gtatactttg aataacagtc tttggtcagg tatgtctttc 184200 acaaatattt cctttatcct ctggcttctc tcctgttctc ttgaaatttt tactgcagag 184260 gagagttttc ttttatgggt ccccgtcaga tgtaccccca aatcatcacc atacctacgg 184320 ccacctagat tatctctcct tttatgtatc atttctcacg agacgaggaa ctgaatctag 184380 ggcctcacac gcactagtca agtgcctcac cactgagaga cgtcctagct ttcttccata 184440 ctctctcaac ctccctcctc ccacattttg acaggtcttg ctgtgcatcc caggctgacc 184500 totaacetge agtecteett cetetgtett ceaagtetgg gateacagge atgeactgee 184560 ttactcggac agagtcttat agtttcctgc ttcacaccga gatttgtaat ggcggtgtct 184620 agattctgtt tgttctttag catgtccagt tcttccagca ccattggttg agaggcgcat 184680 ggtactgcca gaagaggtcg ctggatgccc tgtggctgga gttccaggtg gtttttaccc 184740 tatgtgggtt ctgggaacta ggttctgtgc aggagccgcc agagcttatg agccacctcc 184800 ccagcatccc tttctggttg ttgtttggtt cttttaggca agacctagct gcgtggcccg 184860 agttggtctg actcatgttc ttcctgcctc agccttagtg ccaagttaca cacgtgcagc 184920 agcatggcag geteategte tegetttgag acaaggtegt gecattegtt egggettgge 184980 taggctggat ctcaccatgt agaacatgct ggcctcagac tcagagagat tcgattgctt 185040 ctgtcccagg tgctgggatg caaaggtgtt caccccgcca ctacatctgg ctcagttata 185100 ctgttaaacc aaagtcttac tttattttat gtgtatggat gcttttgcta catttctatc 185160 tgtgtactta acacagaggc cagaaggggt gggagtcaga tccctggaag ttgttgctga 185220 gtgctgcgag ctatcacata gatgctggga atagaagccc aaggattttc tataagaaca 185280 gcttttatct gctaagccat ttctccagcc ccttaaaaca aacaaataaa caaacaaaca 185340 aaccacaaca gtaacaaaaa ccccaactgt gtgtctttgt cttaggtttt tttttttaat 185400 ttatttttta ctttccatgc atgcgcattg gagtgtgagg gtgtcagatt ccctggagct 185460 ggagttgcag acagtgtgag ccgccatgtg gttgctagga attggactca ggacctctag 185520 aagagcagcc agtgctctta actgctgaac tatctctcct gttttagatt ttataggcta 185580 tttttacaac tacccgagtg cactctcaaa taactctata tggatctatg ggcagtacag 185640 tgtctaattc ctttgcctta cctcttgtat cattgccacc attcacttga tgcacatata 185700 agcatataca gctgtcgtac agaagcatat ataactatca cacagcagca tatacaactg 185760 tcatacagaa gcatatacag ctgccacaca ggagcatata taactatcac acagaagcat 185820 atacaactgt catacagaag catattcaac tgtcatacag aagcatatac agctgccaca 185880

cagaagcata ttcaactgtc atacagaaga atatataact gtcacacagg agcatataca 185940 gctgtcacac agaagcatat acaactgtca tacagaagca tattcaactg tcatacagaa 186000 gcatattcaa ctgtcataca gaagcatatt caactgtcat acagaagcgt atacagctgt 186060 cacacagaag catatataac tgtcatacag cagcatatac aactgtcaca tgcagcatat 186120 acaactgcca cacagcagca tatacaactg tcacacagca gcatatacaa ctgtcacaca 186180 ggagcatata cagctgtcac acagaagcat atacagctgt cacacagcag catatacaac 186240 tgtaaaatag aagcatatat aagaaaaaga gcccaagaga aggcacaaga gtcaaacacc 186300 cacttgtcta taagaagcat tctcccagga acttgggaag ctatttccca cttgccaaaa 186360 gtagttttct ttttagccat agcagaaggg atgcattgct attccattaa cctctgcctt 186420 cctctcagca taggaaggtc catgctagcc ttcagcctct ctcagcccct actcacagat 186480 acttgttata cgcttcaaag cttcccaccc agctcggagg ctcccttcct cccaggtgcc 186540 cagecettgt ateceetcaa gtttteetee eeetttetet gtaeeeegta eeeeateeee 186600 ttggcagttt ggaataaact tttacttctc cacccttgaa gtggtaattt tcatttttt 186660 tctcacccct tgcattcagt agacacaca acacccctgc ataataaaat gcattgtttt 186720 tgttagtatt ttgaggaaac tttgttggag caatgaagaa tatgactctt gtgccttctg 186780 ttgggctctt ttccttctgt tggtttgtct tgtccaactt cagtgtggta gtttttttat 186840 ttatcttatt gtattttatc ttgttatatt taaaaagcaa attaacaaat gaataaaaac 186900 ctagecaeta gggtaaaggt taeegaetga tetgteetta taeetgetgg gggaggggaa 186960 atcagtgttc tccaaggaag tgacactggg tacctcatcc actccagagc agccctcatg 187020 ctcaggagta gttggccagt atataatgga ctccacaggt gtgtgtgtgt gtgtgtgcgt 187080 gtgtgtgtgt gtgtgtgtgc ttacttggtt acaggatttt tgtttgtttg ttttttgttt 187140 ttgtttttgg tggtggttta ttttgtttcc ttttgggggt tttcctgttg cattgggctt 187200 ttgactgtgt ttgagaaaga acttcacatt aggtgggtag ggagaggtag aagacctaga 187260 aggacttggg ggaggggaag aatatgatca gaatatattt gaatttaaag aattgtttta 187320 aataataaag agtaccacaa ttaaaaggga tataaaataa ttttatttca ctttctctta 187380 ccgcctggtg tactccccc cccacctcct ttttcttacc tactcttttc tttttctcta 187440 aaggacttcc tttaacattc cttagtttgg gtttgactgc tgtgaacaga caccataacc 187500 aaggcagctc ttataagggc atttaattgg ggctgattta taggttcaga ggttcagtcc 187560 attagcatca aggcaggagc atggcagcat ctaggcaggc atggtgcagg aggaggtgag 187620 aattctacat cttcatctga aggctgccag cagaatactg gcttccaggt agctaggaca 187680 agggtettat ageceatgee caeagtgaca caeetaette aacagggeea tgeettetaa 187740 ttatgccact ccctgggcag agcatagaca aaccatcaca ccttccaatg cagatatatt 187800

tccagagatt ctctccagct ttgatttaga aatcccttca gcttggaagg atgaattcac 187860 tagactcgag gctaatgttt gtttctttcc tacactttta ggtctcttca cgcttgggcg 187920 atttctgagc attagcaaca gtgttctctt tgcttctcaa aagccagctt gctttttccc 187980 gatagtttac ttcaggaatt ttcattaata atttttcact aactgaagct tggacacagt 188040 aagcctaact gcattggctt tgtgtgtgtt tctgtgatac gtgtgtgcag gggtatgcac 188100 gtgcatatgt gtgtgtgtat acgtatgtat gtacatatat gtgcatatga agatataacc 188160 gcgtatgcat gtgcatgtct atgtgtatag tatgtgtata catgtgtata tttatcctgc 188220 ataatattct ttgagcttgg tgcacctgtg gttttgtgtc cgacctttgg ggggagattc 188280 tragrattar ctraagract totgtrocag tragtrogetet totttroctet craagracter 188340 cctgatacag gcctgtaggt atcgcacagc tctggcatgt tttcttgtct cggttcttcc 188400 tgcctttcag ttggtgggat tctgttgatg tgatagatac tgtttcctga acacagagct 188460 caccaaaagc tcttccttat gggttctttc tctgtggctc cccggcctat ccattcttaa 188520 catgctgact acgtgttaga accgttccct tataaccaca gtcgcgttaa gttcctgatt 188580 agtgatttct acttataatc ggacatgagg gctgcgtaga gggcacagct gtgactgggc 188640 ctctagcaga tgtgataagg cgtgggagtg aagcctcttg tgggtcctct ggtgaggtct 188700 ccgtggtttg gtgagcctgc gtagctgctc tctgaacctc acaagtgttt cttaggtgag 188760 agggtagcga ggttgggatg aagtgggggt cagttatgat cttatattgg cccggcaggt 188820 tatctgtggt tagtttcccc tgtgcagacc tgcctgtgtc tttcacactg gatccctttc 188880 ttcgtcccca cccgctggaa gcatgcaggg gttttcctgt ggacatttct gtcccaatcc 188940 actaggttcc ttctctgtgt ctggtggttg tctctccagt ggtcgggaga cttgctgctg 189000 aatggtcact gttttcaact ctctgctcga taggcagagg ggtgactttc tgagcatctt 189060 ggaataagaa aacaattttt gacctacttt ttgtttttaa acatttatct gtgtgtgtct 189120 gtgtgtgtg gtgtggcgtg cgcgcgcgcg tgcacgtgtg cttccatgtg catcccatgt 189180 tggcatgtgt gcagatcaga ggattttcca ccatgtgagt tctgggtatt gaactcaggt 189240 catgaagttg gtgagcaagc acctttaccc accaagcccc cttttacttt tttttttt 189300 gtctttgaaa agaaaatgta aggctggtgt agcagcacag gcctttaagc ccagcactga 189360 ggcaggtgga tctctgtgaa tttcaggcca gtctggttta caaagtgaat tctagggcag 189420 cgagtgctac atagtaagac agtgtcttaa aaacaaaaac aataacaact acaaccccaa 189480 aacaataaca acaaaagaag atgaagtgta aatacccccc ccaccctccg gtcgagatac 189540 tggccctggc cgctcttgca gaaggaatga agacgaggat gtaatcacgc ccaggtgtgc 189600 tggaggagga ggcttttatt gttgatggga gagagcgcgc agccagaggc agccagaaga 189660 gtccagatca gggggagaaa ctagcagact gaactgggcc atgagaaggg agggggtgag 189720 catggagaga ataaggggga gggggaagag aggaggccaa gagaggaacc aagaggccaa 189780 aggggacaaa cgagggtggc cacaatggct gggttatata ggaatcagaa gctcggggaa 189840 tggaagatgt ggtagctttt cctggtcgtc agcttgacga catctgaaat gaactccaat 189900 ccagaactgg agggcacgcc tgtgatccag atcttgaggc tggaaggcac aagtgtctga 189960 catagatett gaggtgttgt ggteatgaaa agettaggee caggeaaggt agtacatgag 190020 acttaattcc aggaggctga ggcagggagt tcaaaggtca gcctgggaca aagcaaatcc 190080 cagatccagg agtggtgata cacaccttta atctgggtca caccctacct taaggacatt 190140 ggaagaagga agatttgctc tacttgcaat gacttgccag cacatctgtt gaaatctact 190200 cctgcaggat tccagcttat acaaaagacc aggtgaatca cctagcctca tgggactgag 190260 caactactag attcgtggat tcccatccac agctgcccat tgttgggcta gttggactgc 190320 agactgtaag tcatcacagt aacttccctt aatatagaga ggcattccat aagctttgta 190380 actctagaga gccctgacta atacagaggg gaagctcagg ggtgtgagag gttagggtgg 190440 ggcaggggtg agagggttga gaggagcttg ggctctgtta caggtgctcg cagagccaaa 190500 agagccaggc agccagctct gctatattaa taagtaccac agttagccct ttgtgataga 190560 ttaataagta ccacagttag ccctttgtga tatattaata agtaccacag ttagcccttt 190620 gtcctgtgat tcttcgggat ctgacaaagg cagaatacga aggtttccca gaaacctgca 190680 tggcagctcc caagcccatg taactccagt tccaaggaac ctggtcgact tttccgacct 190740 ctgagggcac caggcacaca tgtggtgcac aaatatactt gcaggcaaaa cacacacatc 190800 aaataaataa atctgaaaaa ggggggatac tgtttgaaac ttcccttatc caactaacac 190860 aatatagacc aacccctgtt ccctgtaaat gataaggtcc tatgatcatt accgcctgta 190920 tcatttgagc atagttgtcg gtttgcttca cagcaaaggg gtccagcagt tggctgccat 190980 gagtatetge aaggaacgea ettgtttetg ggeeeteete eetgtgeget tggtgeattg 191040 tgccatccgt gctgcctgct tttgttttta tccagtagtg caccgtgtct attagagaga 191100 tgatgtatct aagagcaaat ctgtaatgta cggtgtagtt aatttaaact tatccctgtc 191160 tagcttacaa acgaatgaga ctcggactgt ggttatttta tttggctttg accaatattt 191220 gactggggag tgacccataa tctacttttc taactgctat gctggctacc ctccccagca 191280 gtgtacccca gatacctgct gtttctcttg gccatctccc ctcatggtgg cttcctcctc 191340 cgtgcccttt ctccctcttc tcttcctgtg acccccagcc atgtaactga aaacccacct 191400 acctctattt cctccagtaa ttgactgtcg ccaattttat tcaaccaaca gttttaaatt 191460 acagagtaat gtttgcccaa cataagctgg tatacatgag aattcactca tcttgaatat 191520 acaaaattta gcatataata catagcaaca gaccaaacct caacagtacg tggctcttct 191580 atgcccgctc ctgctctgaa atgagacaga aactaggtac tttctattag tgagtttctt 191640

gtactatage tggcctgggt ttatetatte taactagagt atgettggee tggettaett 191700 cccagccact tggcattccc tgccatctga gccttgccct ggctccttct gctccacatg 191760 aagcattacg gtgactccct tggcaacctg ctcatggtgc atcctcctga tccctctct 191820 ctcctcttcc cctctttctc tccttgggag cccctgactg ggatcagaag tctcccctta 191880 actettetee tgeceaceta caagetgatt agttettttt attaaccaag tggtggtgat 191940 gatgggaaac tatctttaca catcattgag actagagatg ctccaataat cacggcgatg 192000 ccaacgtctg actgcaacct ggtctctggg cagagaactc agcatctcaa gtgcacagta 192060 cgcaaccaac ccccccccc cccagtgtaa agcaacatga aatgtggtaa caacagtgct 192120 caggtgagtt tcctccagca gaacctgcca cgctcctcat agctttacat ctcaaactgt 192180 ggaggaggag gaggaggaag aagaagaaga aacagagaga gggagaggga gaaggagaga 192360 gagtttcaag accccactga gtgaagccat gactcatgat tcccatctat atcctttgtg 192420 agtgatgttg ggaatgccgt cactggaagg gacatgtaac tggtagctgc aagtgactct 192480 aattgtgttg aagggacttt gtctggggaa tgttgtgaaa taagatgtct gcactgagca 192540 gtggacagac ttccatatat taagcagaag tgtccactgt ggggtgagag actctaacat 192600 ttgccttgac catttagtgt gtggagaatt tgaataggga actaactggg agtggatgac 192660 cttctgaccc agetgttgtt atatttactg attgctttta agettcaaaa geetetteet 192720 gtctagcttg gtggcacacc agtcacagca cttgggatac tgaggcaagc agatctctct 192780 gtgagttcaa gatgagaget tggtctaagt gagttccagg tcagctaggg ctatgtagag 192840 agactttgtt tcaagtaagt aagtaagcaa gcaagcaagt aagtaggtta gagagaccct 192900 tgttacagac aaggaagctc agagaagtaa atgtttccag ggtctcaaat cagatgattt 192960 tacttaaact cagccctgat tctggacctg ggattccact gaattcacct gcttgtgtgc 193020 agcccctcgg catgcattgc tttagtgcaa agagcaagtg cttaatggct ttctcaactt 193080 tgttaggcct ccttacttga gacaatatga ggcattatga aatctgtagt gtgagccagt 193140 aagcagcttt tttttttttg gtttctgctc gattcctttc ctgagtttct gtcttgactt 193200 ctctagtgat ggcttgaaac ctgtaagtgt aagctaagtc aagtcgttcc tctctgcggt 193260 tggtaggagt gttttgtcat aacaaatgaa agaaaactag aacagaaatt ggtgtcaaga 193320 acagggtgat tgcagactgt gttttttggg ggacagtatt atggaaacac attatagaat 193380 tttgagctgg aaaagccact gagtgctggg aggatagtgg gaggttagtg ggtggttagt 193440 gggaggatag tgggaactta gcgaatagga gggtggaagg aaacgcagac aagggaggat 193500 tggaatataa agttcagagg gcagcaaaga ccctagcagt catttatgtg ataatttgga 193560

ttaaggatet geaattagtg gteagetggg getgaagaat eagettegae taceaaggga 193620 ccagcaccac agacgtggaa ctgtccatgc tttgcccgga caatagggcc agcacacaga 193680 agatccaagc aggccaaggc tgcatctaaa gctgaacttg gcaacatgta agagtctctc 193740 atgtgatatt ggttttgaag atgtgaaagc ttgcaaggtt gagggaccga ggaccaacac 193800 cccatgacat tgttggcggc caaaggattc ctgtggtaaa ggtgcagcat cctttgcagg 193860 ggagacccag ggcactggct ggagatgagt cctcatattg gacagctgcc aatgaagcgg 193920 caggtgtgca gtggagctgg cctgaggcaa tgacataagc tacaggtgct gctgctggcc 193980 gagctagaga agcagaactg cccaagagag agatctgtgt agcacatagc aatgcttgag 194040 gggcggggcc ttcaagccta tagcaacgct cgaggggcgg aaccaccaag cccattgaaa 194100 ctgatgccta aagttgggca cgcagttaca gtacgtggcg tatgccctgc tggcttccag 194160 ccatgctacg gtctagcctt tcttgcccac acctccagtc ctccctttgg gaatgggagt 194220 gtatgccaca agccccattt cattttagag cttatcgatt tcaccatctt aggccaagaa 194280 tgattgactt ctcattccta agtggcattt taaaaatcaa ttttgagttt gaaaaagtta 194340 taaaaagtgt tgggatggca tacaagccat tcagaggtag aaagaataaa gttaaatgtt 194400 aacatcaaca tagacgtttt aataaaagtc agtaaggtct ctgttaaagt agcatcacaa 194460 aataataccc gtttcagatg tattgtccgg tgtctgaggg gtggggggtg gggagcagga 194520 gtaggtcttt gtaggcgtga caccattagc agaactagag aaaactcaaa aagagaaagc 194580 agatacatct ctatgagagt tecetettta tagtaagage tetgeagaga aggetaaaaa 194640 ctaacatcaa tatgggaaag tgttggccac atatgtagca aagagttatt atgcagaact 194700 tatagattaa taagcagaag atggactgtt cagctaaaag tggaatacca atatacaggc 194760 acagtatagg caccgatggc cgccagcaca tcccttcccc cctgactata cccatcactg 194820 cccatcattt gccaagttgg ccttgggcta agagcttcac ctcaacactc aataaagcac 194880 caggcaaggt gcatcagctc ccagagaaac tcaggacaaa tggctaactg tggtgcctgt 194940 agcttacgaa gcgcatgttg ctctcaggct ctctcggcaa gtacctgtta cagaatccat 195000 gctcctgatc ctggctcctc tcagctctct caccccatgt cccactctaa acctctagct 195060 tgggggcttt gcttcccttg cccccagct tctgattctt atgtaagcca gctgttaggc 195120 cacatgetet gtettagtea gggttetaet getgtgaaca gacaccatga ccaaggcaac 195180 tcttataagg acaacattta attggggctg acttacaggt tcagaggttc agtgcattgt 195240 cattaagatg ggagcatggc agcatccagg caggcatggt gcaggaagag ctgagagttc 195300 ttcatcttca ctctgctagc agaatactga cttccaggca gctaggatga gggtcttaaa 195360 teccaeacte agtgaeacae etaetecaag gecaeaceea etecaaggee acaeetaete 195420 caaggccaca cctactccaa caaggtcaca ccttctaata gtgccactcc ctagaccgag 195480 catgictaaa ccataacacg giccitggit citcicitti ggicciciti atciccitti 195540 tegetettea gtteeteet ettaagttte etgtteteta gegeaacage acaggetget 195600 tctgtacttg aagagaaaaa tgcagtggac gcaaccagaa gttactggtt ttgtagcaga 195660 tcagtaatta ttggaaaata gtacatgtgt tacagaattt ttttatgtca aattgacaca 195720 agctgggatc attaggattg ccctggaagc agtctgtagg acattttatt tattgatgct 195780 tgacgtggga gcacccactt cactgtggat gggtccaccc ctgggcaggt ggtcctggat 195840 ggagttaaaa agccggggga gccagtcagc aagcagttct cctccctggc ctctccttca 195900 gttagtgctt ccagttccag ccttgacttc ccttcatgtg ggactgtggc tgggccatga 195960 aagttgaggt gagccctttc ctgccacgtt ggttttggtc atggtgctta tcatagcggt 196020 ggaatteeta acgaggacag tacteteaca getggggaae gteagtgeae gaagtttgeg 196080 ataatagatt gtgggagcat gtatgaacgg gcatgctctt cattttgaca gtatttatca 196140 caggctgcgc ccttcagcat agcgtttcta cttctaagac tctttctgaa aggagcaatt 196200 aaaaattgat taactaatta attagtattt atttgagaca agatcttgct ttatagagta 196260 gcctggctgt gaactcatag agatccacct gcctctgtcc caagtgctgg aataaaaggt 196320 gcttaccacc ccctggctct ataaggacta atcgggcaag tacttgtata taaaagcata 196380 ttcctaccag tattgtttat ataagtaaaa ggcccaaatc agtatctgtc attgagccat 196440 tgctcaactc aggagtggga gaactaaagt ggcatatcta gttactaagt tttaaatatt 196500 gctcctaatt tccaactggc tggaacaaga aggcagaaca aagcagttac gtaacaggac 196560 atgcggctca gcggagctgg acagctccgg tgttatgtgc tgaagtgtgc ctgccagtca 196620 gaggctgggg agcctggcat gtagagccga tgtcttttct cccgtatgcc ttcctacagt 196680 atctgcggat acagttttac tattacattt gccgaggtat ttactctagt tggtaatttt 196740 tttttttttc aaaatggtgg cgcatctcac cttgaagact gagctcacgg gttggtgact 196800 aggaaagtgt tctacaaaag ctcgttaact ttgcgttcat tcatgagttt gggggtactt 196860 ttaaaacttc catttccttg agagcagttg atgcaagtat cagattatat atgcacacga 196920 attctcaggt tttcccaaga attttaatag ttgtccagct gtctggtttt caattccact 196980 cagtgtgaaa gctgtgctga gtaaatttcg tggtagaagt gaggaagtcc tactgatggt 197040 ccctaaacca gtaggtttgc aatgttagct ttcctcattg gactcgcgta ccctcttaac 197100 tccaaaacga aatgtcccag taggatctaa ccaagtggct gaggggacct gcccgaggag 197160 tcttgataat tttttgataa cacataatct taagcacatc tgagctccag gtctagagaa 197220 gactcctttt tctgatagtc agtcatgtta ggaacatctt gaaggacctg atagagccaa 197280 aaccaattat gaaacgagat gggcttgggg gtgaaccttt catctcagca ctcaggaggc 197340 ageggeagga aggtetetge acatttgagg ecageetgge eagtgtagtg agteeeaggg 197400

cagccagggc tgcatagcaa cattccgacc cagataacta aggagcagtg agcggtttgc 197460 acaqtgqcta accatcatcc tgcatactca aagagcaccg gccagtgata acagtaagga 197520 ctagtcgaca tagcgcctcc cagtatctgg acacagatgt gtgcattctg cttaaagaaa 197580 caggtggatt tagaaagagt gcttcatttc tcaccagaag gaaaaagaga ggcacaggta 197640 gtgaagacgc tgactttaga aaactctaga taccttcagg gagcaagcag agcaaggaga 197700 ccgttgcaga gaaaatgctc aaggaaggcc tttagaggag ccttttaatg cagtaggaat 197760 totgagttoa tocotaagtt gttgcattga cacagtoott toattttgat attotcagta 197820 aattaaaatc caggctcctt catttggagt agtttttaaa aacttgagca agttcaagct 197940 ttcctaagct tcagtgttct catccccaaa tggaaacctc cggaaggtgc caagattaaa 198000 tgagatattg ttataaataa cctaacagta ccacactaaa tgccagtaaa gtgcccggta 198060 agtggcttat tttgctgtgc acatttgttt attttagaag agtttatcgt gctacacgat 198120 aagttgacag teetaggtte acacetgeet ecactgtttg ataacacata ateteaagea 198180 catecgaget ecaggietti geceacagaa tggitateag taetettitat etigteagaa 198240 cttgtgaggt cagaggcaac ccagtctgtg ctcgccagag tctctgcctg ggacagagtt 198300 agtgctcggt gagtggttat tgtcacaaag cgaataagcc ctgaagagcg tcttaggtct 198360 tgtcatattt cccctcctgc ctttgctttt tacctccagc tgtagtcttt aagaatttgg 198420 atgtgcacaa ttaagactac agcccagggc caggttaaga tgtaatactc aaatgtgtat 198480 tacaagagga ggctggagag atggccgctc tcgtggaaga ctcagatcag ttcccagtac 198540 ctatggcagc tcacaaccat ctgtaactcg agttccaggg gatctgatgg ccttttctgg 198600 ctcttgtggg taccagtcat gcagcgtgca cagagacaca tgtgacgcta tacttgagag 198660 agacacgcag aagcaccacg actggtgggc tgtagtaggg aagggtatct gccctcggcc 198720 tttggtctct tgggaagaag tgtcaagtgg aacatgtgct gtcccgctca ctgacgtcac 198780 tgatgaatgg gatgtcactg acctttgacc gtgcaaccca gctgagcagc cagtcccatc 198840 ategetetgg aggtacetgg catgecaget ggeacgeaca ttgatgaaac cetteetgtg 198900 gegactgeec cetggacaaa ettetteeac acacceegte atgtteeact agaccaegga 198960 atgatgccta atgtgaattt ccatatgtct gtcatctaca atctcctgac catctacgat 199020 cctgtcgttg tctaggtctc tagcccttag tgatttgcat atggcagtga acgtggacaa 199080 atggtctcgg acctcaagga gcttacgttt tagaggacag aagcatcttt tttaagtgtt 199140 acaacacttg ctgtttggag caagtatgga aattctgaaa tcagaaatgc tttcctttgg 199200 tcggtgagga aagcgcaatt aaataatcag cccagatcgc agtgttgtat acagagcctg 199260 catttcccac ceteatetea geacegttet tttacetgta gtgetgeatt tettttetga 199320

atatattttc aggcattaac agatccccac cttgagtttt tctttattct tcaatcatag 199380 atggtgtagg gaacttgaag ggcgattatg tgagttccgt tcattccttg atgcatttat 199440 tctcattgcc cttaaagtgg gatttaaaat ccagaacatc ccccgtagtg ccttaccaga 199500 totggctcat gccatttctg agctctgcat gcagacctag ccctgtagtc cccgtcttct 199560 totggctact gtgctccttc cggcttcaga ccgctgccct tcctctggct cagcatgttc 199620 cttettectg teteetceae acattaggee ageettgett catgeaeaga geteagetea 199680 tatececatg tgecatatte ceatgteett tttettetae agatttatge atgtgageet 199740 tttgtcagca catgtgcatt tatgccacga atgtgccaat atcagtggca ttcggcagaa 199800 ggtgctagat cccctggaac tggagttatg gatggttgca agctatgtgg gtgctgtgaa 199860 ccaaacccag gtcctctgca agagcagcaa gtgcttgtga ccacagagcc atctctccag 199920 tccctgcact tgtattttat agcacacca gcacagtaca tggctatgat gactgcctgc 199980 tctcattctt gaatggctag agcatacgag ggtgtggctt ctacctatgt tctccctatc 200040 actgtttccc taagtggctt cctgttgaca ctgcaaacta aatgaatgga tgaaggaact 200100 cagaacatca tgataaagtt taagtgcata tggtgtgtcc tcctgggaca tgactttagc 200160 aatgaacgca gcttataaag tagtgcaggt ttctcatgtt ttgctaatgt ttaaataaaa 200220 aagcaggata acatctacta agatttggaa aataaataaa caggctgcaa aatgtaacac 200280 gaagggatac agacctggtg gagacagggg ttggggagaa gagaataaat tagtttattg 200340 tctttttaaa acgtctcttt ccccttagac tgtgaatggc ttgatgccag ccaccaaaac 200400 ttatgtttat atctttagga agaatatatt cctctgtaca aatcaactct tgagcaaact 200460 tgaataagtc gtagaccttt ggagccaact tcacatgttc ttaatgctga tattacacac 200520 agaagcagta taatttatgc aaagaatact gtatacagaa tcagagagct ctagtatctt 200580 agttactttg ctattgttgt aataagccac catgagcaag acagtttata gaagagttta 200640 ttggggcctt agggtttcag agggttagag tccatgcgaa tgatggcagg gagcatagca 200700 gctgacaaag aggcattgtg ttggagcagt agccgagagc ttacacagta agacacaagt 200760 accaggcaga ggatctaact gggaatggcg tgggcttttg aaacctcaaa gtactgcccc 200820 agtgagacac ctcttccaac aaggccacac ctcctaatct gtcccaaaca gttccaccaa 200880 tgggggtggg agggcaagca ttcaagtata tgaacctgtg gggtgccatt ttcattcaac 200940 ttctctaacc taggtttaaa attacaatta agtttaaaac ctgggtttaa aactataatt 201000 aagtgaaggt taattgtgcc tatcaagtag agtgtgctgt gcaggcgtag tgtgtaacca 201060 ggtatatete ageaggtgta gtgtgtaace aggtgtatet eageaggtgt agtgtgtaac 201120 caggtatatc tcagcaggtg tagtgtgtaa ccaggtgaat ctcagcaggt gtagtgtgta 201180 accaggtgta totcagcagg tgtagtgtt aaccaggtgt atotcagcag gggtatgtgc 201240 atcetttttg cetttetett tageetagte eeagaaatat atagtaaata gateattaaa 201300 cagaagcagg taacctcagg gtctttgaat catagcaata gagttatacc ttgtttaccc 201360 agacaattat gggatgcttc acctgcaacc caagacagtg tgtaggagct ggggagctgt 201420 ccattcttgt ccacagtcag actgtaacta aaaatatgga ccaaacggtt tttctaacat 201480 cctagggttc aaagctgttt gtccactgta gtaagttctg tctttccagt cttacaggca 201540 cccccatgc tcacttccta cagcagttcc ttgcgttgct aatttcatct gttctttagt 201600 atccattccc ccatctcttt ctgttcttta ccacctatca cccccccaca cacacagtta 201660 agatggggag agggtaagaa tatggggtga tggtagagca catgcctacc atgtataagg 201720 ttccaagttt agtcctcaat acagaaatca ataaatgcac aatccttgta tttatgtatc 201780 tgttcatttc ttttaaaaga tgagtggatg tcggatgtgt caaatgttga tggtagccac 201840 caagttccat cctgatttct tttggaatgt gtctggagtt ggtgagttct ctggttgccc 201900 agccgcccc cccacccca ctaggataca gaggccacgg aagtatgaag agtgttcttt 201960 ctcctttgat tgtagcgtga tgaggtgcgg aaggacagcc gctgaatctg caaccttatg 202020 ggttagaaac cagaaataca gcagccacct tgtgttagtt cttgtgaggc actacacaga 202080 caactaggtc tccaaggagt ttggagccca gtcaggggag atggacatga gagcaggctt 202140 ggtgccatct gagcacatag cataggcaca tgcatgaggg agggacagag gaggcagtgg 202200 tggggctgtg aaggaataag gcagagcttg ccacgtaaac agggtgaggg gacagcgtgg 202260 cgtgttcagg gatttctgtc tgtgtggctg tttctgtact gtcaggtgtg aagtgtcacg 202320 gtgcgaggct atgggatctc tttttcttta cttggttccc caaataaaaa tgaagccttc 202380 ccatctgtct aggatagcat gggtgatatt tttcctaaac attgtacata ttgagattat 202440 attagctaat ttaaacagtg tacatattgg aaattatatt agctaattta aactgtgcat 202500 attgagatta tattagctaa tttaaacagt gtgcatattg agattatatt agctaattta 202560 aaagaaagaa tccacatttt gctctttact agtcagcctc tagtgccgat taggtgtggg 202620 gttttgaacc acctgaggtc atcttttgtg ccctcttagg ggcagacacc accacaaaag 202680 cattacctca cagaaggatg gtctatactg taggcagttc ccagggactt gatagagtag 202740 tgaggagaag aatggggggg gccccacct tgcccaccgt ggctggccat gcacctcgga 202800 tactgtgtac ctttaaaatc acacctgttg tacgccttgg tggcctttcc aggccaggga 202860 totgggtagt cagtttatag ttotaggaac cgagcgagac tgctgtgtta gcacttgtgt 202920 gccttttatg ggccagggaa tggtgttgag ggaatctagg cagctggaac ctgcagccct 202980 agcagtttgg tccgaggaag aactttgggg gtgagaaaat acagctcatt atataaagct 203040 atgctggtgc tcacacagct tggagggcag aggaccagta ttccaaaggc aagggggagt 203100 gacctgactg cctccccca cccccctga tcctttttgt gagagctgcc tttgggatca 203160 cagtggcttg ctttgaaaag ggcggcactc ttctgttgct gcctctgagt tgttttgtta 203220 attggcacaa aacaacagct acacacacac acacacacac acacacaca acgagattat 203280 attagctaat ttaaacaggg tacatattga gattatatta gctaatttaa aagaaagaat 203340 ccacattttg ctctttacta gtcatatatg tgtgtgtgta tatgtacatg tacatgtaca 203400 tgtacatgta catgtacatg tacatgtaca tatacatata catatacatg caaggttaga 203460 aggacctgag gcaggtcaca ggcacccctg ccactctgcc atgggaggct gtcaccagcc 203580 catectaget teecteettg agatgeeett geeageetea ggeteettae ageageaagg 203640 tgccgaggtg gcccaactca gcaagctggg caagccagtc ctaggacaag cccgccagga 203700 tcatgccagg atgccaaact cttcagcctg cccaatgcca gcttcagccc aaataaaggt 203760 ggcctatccc gttctgtgca taaagccaca aacagtaaaa ccccttctct gtggaaaatc 203820 ccagaagata acgggccaga gtcaagagga ataagacaga aagtcagaac atttaaagct 203880 agagagcaga ggaggatgtt caggtacaaa ggagaaagaa gagaggcacg cctggttggc 203940 ttcggaaact gtcacgaggc gaacccatca ttagtttgct gcagctgctt tctctgatct 204000 agtttccatt cttaaagtgg gactttgaaa tgatataggg aatctggagc cgagatacgg 204060 tgtggtccat cccctgttcc agttccaacc tgacccgggt tgggttgtgt cctgcctgtc 204120 catecteact eccageeeg eccaeeegt tteatggeaa etaegtaggt gtetgaetga 204180 catttgagct gaacttgaca gactgaagtt ggcagttgtc agagtcttgt agaaattaga 204240 gaacgctgtg ggccaaacac tgtagcctct tttaaaaggt atacaccctg cttatttaca 204300 gtatgaattt gatgttgata cttattcatc ctaaccagat gtatcgaacg atataatccg 204360 ttatttttaa aacgtgttaa tttggtttta taacaccatt ctggttgtag tgtaagccaa 204420 ggagccagat ttgcctgagc cacagatctc tgtattgaca cccgaggatt tctttttaa 204480 aaagactcct aagattaaat atcaagcata cagtcagcac aatacagtca gaagtggcaa 204540 ggctgttgtc agttcctgtt ggcatgctcc cctgaaccac cgaattttaa caacacaaaa 204600 gaccaccacc tccaccacca tcacaaaagg aaaacccaaa tccttgaaat gggcaaaaaa 204660 gaaagatggc tgaggttaaa agtattgtcc tcatcttaga aataaaggaa ttatttttt 204720 atctgttaag gaaaaaattt cccatgctgt cccattgtct tagagcggaa tgcagggttt 204780 tatagggaga agactagaaa ccactgtaga ggctactcat tttcaccagg ccttcctgcc 204840 tcacgccatc tcattaatca taagaggctt tcgttaaaac attcaactca tttattttgg 204900 aacactcgac ttcagaagat gctcactgtt tcttattaca tagaaaatct aaacattttc 204960 tagtttaagg aacaaagcat aaactaagac ttcgctgggg ctggggtgga ggtgggggtg 205020 ggggtggggg tgggggtggg gtctggccaa agagactggc agctcgtaga agagagcttg 205080

tectgageca gttetgtgtg catttacage aaccagetgt atgeaccagg actggagtge 205140 cggcttctgg catcctcagc tgcatagaac tgacttttaa agtagaaaaa acaaaaacaa 205200 aaacaaaaaa ccccaacatc tgctgaagga gaccaggtga tttctagata tttaatttga 205260 tgagttggaa ttagatggtc aaggggaaat aactgctttt caatatctaa gtgttttctt 205320 ccttgaaaaa aaattcagtt aagtgtgata aacgcccagg aatgaggccc catccagcca 205380 caggaaagac attgtggctt ttaagctgct ggcacttttc tttgatgtta atattctttt 205440 ctttttttaa ttttgaagga gcttattaga tgtgttgctt tcccatagga ttccatattg 205500 tggtttactt tcaaattatg aaatattttt aaaagagtcc gggtgacctt ttgccatcag 205560 ttttgttcct gtgacacatg agagcaatat acagtttgtt cttagcatat aagactgtgt 205620 cttagtgaca ggcatgcttt tgtggtgaaa gacccaactg gaaaaatgtc acatgtggtc 205680 actcataatc atttggaaat tcacttgtca ttaaagaata caaaaaagca gccacagact 205740 agcattgctg ggctatttat gattactgta gcagttttgt gtgactgggc tccctttcct 205800 aacagcgaga tacaaagcaa gcagcatctt tgctcggagg gatgttcctc tgataatttt 205860 gttgtatgag agtctacctg ctcaaagcag ttggactttc ggttttaagc ggctctctgc 205920 ctgccggctg ctgtctgctg cttccagctt tgcctgtggc ctgctagcca agtaatcctt 205980 acaacatttt totttgottt ottataaaca gtttagagto otoottgoot ttottgaggo 206040 ctgcggtaaa gttggaagag gggaagtcca tatgaaactg tcctttgtct tttcctccat 206100 actctatgca ggagtaccca gagcggcttc tggggaggta attttgtccg cctgagggtt 206160 ttacaatagg ttctgttgtt cttatgcgta ggcaaagaca tgtctttttg tttagaggat 206220 tttgaaatgt gttcctccac ccagagcacc caagcccagg ctaagcacag aatcctttta 206280 taactacagg ttatgatctg attcactaga aacaagggcc ggtgttaaaa acagagccta 206340 aggatettga geceetetgt aaggattace aaaagaaace agtgaaatgt ateaaggaag 206400 gaagctacag tcaaaactgt atttcttctt taaaattctt aaggctcata ggaagctttg 206460 catctgattc tcagctacca aaaataattt gtgtgtggaa gatgcctcag aaatggaata 206520 tacttaggcg cccacggctg actgcttttc agatgtgtgg ttatcagttg tagcttgaat 206580 ttagagagta cgagatgatg cagacagggt tcctgggggg ttagtttgtt actttctgag 206640 atagttattt tctgagattc tgatgagaag cctgacagaa tgccttcaac ctctgtgact 206700 cccaggaaat gctgttagct ttattctggt ttcatagttt tggtcaaggt agattccaga 206760 ataaaacaga cattttcttc ttagtaaaaa ggggacgagg catcctattc ctaggctcgg 206820 aactaaggca agtcttgcgc ttaccctact ctgttgcatt ctcgggttat cagatttgca 206880 agtcggagtt ggggaaagtt tctatcggga ctcaagcaac tcagcctcca gtccttgcta 206940 ataccaacaa cccgaaggca gttttctacc acctgggaaa gaaaaaaaaa tctttctaaa 207000 agatggcaca cggcttgctt tcctgtgcac tttcagcagg tctagagctg catctggccg 207060 agtegggtaa tecaatetat tttaaegeaa agatttteeg agaaggeagg aaaceageaa 207120 gggggaaggc tttcaggcat ctgctgtttc gtttccagat cccttgtgtt aatttaatgt 207180 ataaggctaa gactaagggg gctgcagccg gaggcagcgt ccccgctcca gggtgcagac 207300 tttccccgcc gccaccgcca ccgccactgc caccgcgagg gtgacagcac ccttcgaaga 207360 gtgagtgttt gcctgtgtgc aattaggaaa ggcaaccccg tgaagcgatc gacatgccct 207420 caccccatca aaaccagggc aactcgactc tgttgaggaa acaaactcca ttccatccca 207480 agccggagtg aaacgtgagc tttgcacaaa cactggcact gcttcgggaa taccgggaaa 207540 ctcgcctttc ttccagcggc ctccgcagag ctttgcccag acagcagtac tagcttgctg 207600 ggggttttag tgtgtgagat gagttttggt tccgtgcttg cagccaggtg ttagcactgg 207660 tgtgtgttgg gccctatcag ccctatgacc aacagccggc ctggcctctc cagcgtctcc 207720 tctcccgcca tggacctgaa gcctcactca aacctcgctt ctgcaaaggc gtcctgtaga 207780 caaaagcctg cccttaaaaa ttttaaagac tgtatgctat tcctgtttag actcacgcaa 207840 tggggataat ccatgctgcc ctgaaaatag ggttgagaac taagatggag tgagttcacg 207900 tggcccttta atagtagaaa cagaaccgga actccgataa acccagcatt ctgttactga 207960 gttacagaac tattctacag aatcctagag gtggaccaga gtgttgtcct cttgtcatcc 208020 cccccccc tatgacattc tagcaatctg gctgtttctg attgctgtgg ttgtgattgc 208080 acacaattcc atcgctggaa aactctaatg attgcactgt tgtttcgaac actaactgga 208140 attctctgag aaactgttct ttaaacaatg aaaggctaaa attactcttt tccgcatatt 208200 tttaattggt gtggatgtat ttgaaaatca tgataaaaat gagctttcta ttgtgttcac 208260 atttaggttc cagtccaggc tgtgtgtgct atgaattatt gggaacaatc tttggtttct 208320 aggtagtgct ttgaggttat gtaatgaaat gttatattgt aatattttaa cattttaaat 208380 gatttgacac ttaatattta ttatttttt ttatgtgctt tggtatttga cctgcatgta 208440 tgtctgtgtg aaggtgtcag atcccctgga attggagtta tagatacttg ttaactgcta 208500 tatggatgct gggaattgaa cctgtttcct ctgaaaaaac agccagtgct tttaacaatg 208560 gagccatctc tccagctctc ctcctcctat tattattatt attattatta ttattactat 208620 tactaatgtg tgctccagag gacaacttct gaacagttgc taccttcttt gatacagggt 208680 ctctcattgg cctggtgctc atggattagg ctagcaagcg ccaggatacc ttgtctctgt 208740 ctcccaggaa cggcattcca agcctaggcc actgtcctga cattttgtgt ggttctgaag 208800 atctgtttca gggcttcatg cttataagca gcagttccca acgtgtgggt ccagatctct 208860 ttgggagccg aaagggcctt tcacaggggt cacaggtcag ataccctgaa tgttgcatat 208920 ttatattaca attcatagca gctgcaaaac tacagctatg aagtagcaat gaaataatct 208980 tacagttggg gggaggtcac cacagcatga ggaactgtct gaaagggtcg cagcattagg 209040 gaggttgcga gccactgttt ataaggcaag ctctctattg agagagcaat cttcctggtc 209100 atatcttgat ctttatagta tccaaaaaaa aattattttt ctgtgtaact gagttaagtt 209160 ggaatcacta agtaaagata agtgagttta agaaagtctt aaactgtttt ctttaccctc 209220 tgtattagtt ttctatcttg cataacaagt tccctcccag gttacttact ggcttttagc 209280 aatacacact ctcttccacc tcttgctgtg aggtagaaat tggggcggga ggatggctcc 209340 tacgctgtct ctgcccaggg ctggggcggg aggatggctc ctacgctgtc tctacccagg 209400 gctggggcag gaggatggct cctacgctgt ctctgcccag ggctggggcg ggaggatggc 209460 tectaegetg tetetgeeca gggetgggge gegaggatgg etectaeget gtetetgeec 209520 agggcctcag aaggcagagg cagcggcagg cctggactct tttatcacta ggacttaatc 209580 cagtttgttg gttgaactta gttccaggag gatgttgggg tgggggtggg gcaccccatg 209640 ttgtctttag ctgcggtggg gttcttctga ggtctgcttc ctttcatctg cacagccagc 209700 aatagcactc gggaggagcc cggatcctgg cctctctttc cggcttccct tcccgcagag 209760 ctcaccggtg tctttagtca gctgacttac agtaacctta attacacctg agtggtagca 209820 agtattgtcc ctaagagtta aaggcttgag tgacagggct tttgaagtag aaatggtttg 209880 aagtttgggt atcaaacccc tctagacaca gtttttcgat ggtggcaaca gacagaatta 209940 attcatcctt taaagtgact tttaaacatc ttaagaatta acttttttt tttttttgta 210000 agataaaatt taaaaccctg gtgacatcag atattaccca ttagtcatct ttttgagttt 210060 atgtaacaat aaatattttc cataattgtt gcctccttcc cctaccccca tgagacaggg 210120 cettaceatg tageacagge tgteetggaa tteeagagee tteeagaatg eteeetgagt 210180 gtcaccatac ctagcttagt gtttcttaaa actcaacctc tgctttgtaa aatcttctcc 210240 agtctttggt ttttgatatt ataatggacg tttacagtac ctaaacacac acataataat 210300 acttgtgagt gcttttcatg taaactctga tttcagcctt ggagaatttt gaatgtacta 210360 aacataacta ctctagattt caattttcag tgagaaaacc gggtctcctg acttccctgt 210420 cattaatgag cttgcagctt cttgtttgta aggcaaatgt aaatgctttc ttcatttctt 210480 agaggtctga gtgcctctca catcttacta ggcttgcttt tatattttaa tttactgttt 210540 ataaaattgg attactattg ctttataaat tctatttttt tctttcagaa aatggtgtgt 210600 gtgtgtgtt gtgtgtgtt gtgtgtgtt gtattttagg caagcatttt actgctgagt 210660 caaaaagtaa ttagcttcat agtcacttga aaacaggaaa attgggtttc tcttgaactt 210720 gtcttgtttt gaaagaaaga catttggttc tttccttctg ctgaaaaggt taactataaa 210780 ttgcaacaaa agtcataaaa acatagtttt ggcagaagct taaatggaca gtctgacaga 210840 ctggaggcat ctgacaggat ctctctctc ctctctctc ctctctctct cgtggtggtt 210900 ctgttggagg tttctctgac gattctctga gaacaggaag caagacttga tttttgtttt 210960 gttttgtttt ttttgttttt ttgcttttgg ctttctgttt tgtagaatga aaaactttag 211020 aacaataaga acttttcagc ccaagaactt atggtattcc agagtttatt ttcaagttac 211140 atacttgata ttaaggatat gtttttctca aggaaataat gttgtctata aagtattttg 211200 gattttcaat aaacccaaaa ttcaaagaag ttaaatctaa ataaacacag gacttcaatt 211260 ttgcacccag accettgtgg gacctgtctg tgatgtgaga cetgtctgtg atgtgggcag 211320 gtgatgttgg ctcttgggag gttaaggaag gaggattgct gagttcaagg ccagcctggg 211380 ctacggtggt aggttttaaa acagcaaaca aaacagattc tgctgcattc agatcttttt 211440 taaaggataa tatgtgtgta cagcagttgt tacatggcct tgagatgtgg tctggagaag 211500 gcctctataa tccaacacat tcatatttct gcagcaactg atgaatattc acacacacag 211560 tggcagacat acaaactata aatagtetee tgtgagetea ggteaggttt tgteageaag 211620 caaacctagg cctggggagt tcagttcagg tcacgccttg ctgccaaatg agttatgaag 211680 aaatgctcgg cctcagagcg ctgggagttc agatcagcac atctctactg aactcagctt 211740 ttctttttta gtaggaaaaa ctgcactagt gtgaaaagtt ctggccatag tataatatca 211800 ctttgtgata aaatatattt aataccaaag attcagcctt caaaacagac atgtacaagt 211860 ttgagacagg gtttctctgt gcagtcctgg ctgtcctgga acttgttctg tagaccaggc 211980 tggcctcgaa ctcagagatc cctttgcctc aggtcctgag tacttatatt aaaggtgtgc 212040 tocaccatgt acagcaacct cttgtattta tatatttagg ggcatatgtg tacacataca 212100 caaacacaca ccactaccac caccaccaac agcaacaatt aaggaaaaag aagccatgaa 212160 tttgaaagtg agcaaggtag ggggatacat aagacaaggt ttggggggag gagagggaat 212220 ggagggaatc atgtaacttt taataagctc aaaaaagaat aaacaaatta ttaaaagccc 212280 atgattccca cccaggaaac cattgctctt ttgcagtagt tcagtgggag tgaaaggcct 212340 tccagtaacc actaggctgg tgctggttgg agtgtgggta cgggagccat ggtctgggga 212400 gtgttgaggg aacatgggag agcacagggc aggatcaggg attgactttc cgtctccctt 212460 tatttcttcc ctgcttctcc tctccattct ctatttgtgg gatgtcaggc ggtttgctga 212520 cactcatgtg cacaaatgca cttgtgtgta cttcccggga tacttgagaa gactgaatgt 212700 gtttcagtga gcatcagtgt ggaggaacta tttagtccac agcagtgctc ttcctcattg 212760

agcccaccca cagctctttt ctcagcctcc tggtactgtg agagagtcag ggattagggc 212820 cagagcagag ctgcagtgta gcggaggttg ataggtcgtt gataggtttg tccgaaggag 212880 gtcgtatctc accttattac gggccctggc cttctgcctt ccataaacta tgttactaag 213000 acgtttctaa aagaaataat catctccgat ctcttctgca tttggatgaa acaagatgtt 213060 ttggggactt aacctgaaat ggttgtcacc atgaaggctg atgtagggtc tggtaagaat 213120 aagtctacga gaaaccacta aaagttgcaa agagatttcc caattttatc atgggtcctg 213180 tttgttggag gcatgctgga tatttatatg aactccacaa attctctcaa taacattaag 213240 tgcttaatac gtgctagtcg accatctggg gatatgatgg ttaatggcat agacaagatc 213300 ctgttgtcat ggaaacattg gagagtagtt tgttcgaaaa ataacaagat caggaagggt 213360 gggtgggtga gggctccttg atatgggtgg ttggaaatgt gtctgaggag gtgacaacga 213420 ggctggctct atctaaagaa gagcaggggt tagccatgaa aggccagcaa ggccaaagga 213480 ttaggagcaa cctggtgcgt cctgggacct gttagtcatg ttgctggaac ttcgtgagta 213540 ggcgggagaa ggccaggaca gacattctaa gctttgccag ccctggacag gagtgtgggt 213600 tttattcccg gaacatgaag ctcctaaggt ttttttcatc tggggagaaa ggcaatttgc 213660 atgagtetae tittgeetete eageggatte etgeagtgtt tigittigit titaacetige 213720 agggtgcaag gttagtccag tgacacattt gcttttaact caaatacaaa caatttgaag 213780 tcactgttcc tctttttatt ttttagattt tcacttcaaa tactatttac tgtcattgtt 213840 agtgtccctt accggtcaaa ggacgcgcga gcagtcatct ctgtagcacc catcagcttt 213900 cctgttctct ttgtttgggc tttctacttt ctgctttcct ttgctgttac agacttctgc 213960 ctcctcccac tcttgggacc atgatactct ctgatgtaca tctattgcat ggcctctggg 214080 ggcattcttt cttggatgca tcgctttgct ttataagact tggttcacta tgacaaacac 214140 agaatgccct ctgtgccttt gcggtactca gttcttgttg cacgagtgga caaagctgtt 214200 ggagcacaga cagctgggca tctgtgacaa actcgactaa catcgtatct tttctaaaca 214260 gcttactgtc tagggaggta ctttagcctc cagagtgaac acgtacctta gaaccttaat 214320 aaagcaggaa acatactgca gaaggaggac tgggtataca tgtgacttct ggacccaaga 214380 tccagcccct gtgccggcca tttactgatg aattcttcca ggaaacagaa gcaaagtcag 214440 tgttgtggac aaccaagtca gggttcagtc tcatgaacag aaatgatctg aaacttggta 214500 ctaagggcaa ggtggaggat aaccetteca agteagetga gggaggggte gtgtgageet 214560 ctacagaggg tagctttgat ctacttatac aagatgagta agttttggca gatagaaaag 214620 gtaatattga tggttatgga tttggttttg ccttacagaa tactaattag gcctagaaac 214680

aatttagacc tgtattctta cagtctctct tttaattttt ttttattttt aattttgaat 214740 gtgttttggt gtatgtgtgt gagtgtgtt ttacacacac caagagggca tccgatacct 214800 tagccctgga gttccaggcc attgtgagcc acctgatgtg ggtgctggga gctgaactca 214860 ggtcctctgt aagagcagtc gatattctta ccctctgggc catctcccca gatttcccag 214920 aatttccctt ttaactgatt ctatgtattg tgttctttgc caccttgctg tcaataatga 214980 attatataca tgttgacgtg cactcactgt gtatttgtgt atagatcatg acagaaattt 215040 ttgtctaagg aatagttacc atttcagacc catctcttaa gctgtcccat ccattttgtt 215100 ggaaaattta ctgaaatcca ttttccttaa aactatttac ttaaagtatg ggagctttat 215160 ctggtatttc ccacgatttc agggtcttgt tggaagtatt gtgctccagc aaatactcag 215220 agcacactca cgacagagtt ttctcattat gctgaaaaca gcaatttgtg tttttaagct 215280 cttcctgtct ggttttcatt gtttgccccc ggcctgccct agccagacag gctattgttt 215340 ttttctgtgc tgccttcatg gctactgaaa gagatcccag actcccaaaa tacagtttct 215400 ctgatcattt gggggggaaa aaaagtaaat ggcttacttt atcaggtttg cttaataaag 215460 aaaaatagga aaataaataa aaagcaataa atacacaggg cttagtatat aggttttgtg 215520 atacccatga gcctcctctc ccagctcgtc cagctctgct tcttttttt tctggaaagt 215580 caggeteete agatacaggt ttetggataa gtgagettag tgtaaetttt cetttgttga 215640 ttttgaaagt agttaggcac acctgattaa agcgtgctcg ttttagccca gttctcagaa 215700 agctccagca gtgttggggc gctgtctgcc cagctgcctc tgtaaaagaa tggcgaggag 215760 gaggaggagg agaaaagggg gggggagatg ccagggaaca tcagtgtctg ggaggggtgc 215820 tggacgattc ctctggctgt cagagggcca tggagcaatt gaggtggcta ttgtcgtcct 215880 atgtatggga cagtgatggg cctgtaggag gaaagaagag gaagtgtggg tagggaagca 215940 gccggactta gcctgcattg gagacaatca cagggcaggc gttagaccgg agacttcacg 216000 gtacattaat gattggagtt cataccccac ccgtttttgc taaggactga agtttattag 216060 ttctctcctg gctactggtg tgactgtggc agactcactt caaaaggtgc attgactgtt 216120 attacaatta aaactagtca ccaccccacc aggcagaaaa ccaagatatt ttgagattaa 216180 agtotacatg tgottagoag tgagotgaga tatoccatoa ttactgggat gagatoccca 216240 tcattactgt atttctcaaa cagataaccc tgggggtggt tttagaaact tatcgatttt 216300 acatatetee aaateaataa etaaatatti eteataggae ateaagaaat agaaattaae 216420 tcatttctgt tatttaaatt attagtggct ccttataggc cactacagct ttgggtaaaa 216480 tgagettgte tetgtagtea agagtagtaa atgeagtggg tgtttteaea gatggeattt 216540 tgcacatgct ctgatttgct gcaagcctaa tttataggag tatttggcca tttattttag 216600 attttctgca gcttgatctg ccagttagat ggactcatac gcaaagacct caagccagcg 216660 gtgccctaga cagctttgat cctttttctt ttttttcctg caggaaagga aaagcatggg 216720 accttgggag tggatcagtc atccaaattc agataggtgc tgttgtctgt tgtgattctg 216780 ttgggctctg ttcttctgag agatcctcag aggtttccag gaactcaggg gctaagaaat 216840 atcttaccga gaatttgaaa atatctcggc atttaatttt gtgtgagtgt agagtgtttt 216900 atgactettt aagttttgag gaccagcaaa atagagaagg gtattgtgtt acatagtgtg 216960 ctagttacaa atgtttgctt ttattgcaca tgatgtaacc agagtggaaa aaaaccacag 217020 cagtaataat cgttgatata atcttggctt gaaggtaggg ggaacacggg gggcaaggga 217080 acagcacaag agagaaaaat atctgttacc aattacagca aagttactac atagttaaaa 217140 agaagttgta catatgaata agaataggat gctctgctaa ctcaatcaaa agggaaccgc 217200 togttttoot taggtacttg atgagggaga attottootg cacgatttgc ttgaagagtg 217260 gattattttg ctttgtgaac ctcttcagtc cggtccttac agaataccat ttggctaatt 217320 tgaaacggtt ccagttctgg gcttggttga acactgccag ccaaaagcct gcctgtcgtc 217380 ttccattcgc atgccttcct gccctcggtg cccccaaccc ctatcctgca cccaaggaaa 217440 gaacctgata accatggttc tctgccttag gaagctgtgg ctccttcaag gtgcccccct 217500 ccgtcagctc ccagaaaggc aagcagcagg aaagcaggca gctcaatcca accgggatca 217560 gcagatgctg ccaaagtggg aagcaacaaa ggcagtccgt ggatttccag gaacgggaat 217620 tattggaagt ctgctcttta caaaataaac tgtgattggg agccgagcac cctcgcagtc 217680 cetteettet getgegggag tgtggeaaac agggtattgt ttggettgte aaggteagee 217740 cggctaattg tagatacagt ggacaaatag ctctcttcca gagaagtggt gaataccagt 217800 cgtttgtcat tcggggcccc agcataagca gtgcaggaaa gtattggtag cattgttcaa 217860 tcaagtagga agaggaaaag gaaggaatag aagtgcaaaa acgtaggcca aatggagtga 217920 gagtcaagag aaaccattgc cctggtgcta tggctgggta accatctccc aaagcctctc 217980 ccaaccccca ccccacattt ggtcagcagc ttgcagttct gttgggaggt tctattgaga 218040 ggctctattg ggaggcaata gaacctttaa gaggagtggc ctagtggagg aagttgaatg 218100 catgggggta ggccctggga gaggataccg gatccctagc ccctttctct ttgtttcttg 218160 gctgccagga ggtaagaggt tcccttggcc acacttcttt tccatggtgt gccgccttga 218220 cataggegea aagegaeegg geeaactaat catgegtgaa aceteeette aaatggtgae 218280 ccaaataaaa ccataatgtt actgtctcag gtgtctgtca cagcaatccg aagctcctag 218340 cttgataaac aggtctaacc cagtggttct cagccttcct gatactgcgg cccttgaata 218400 atacagtttc tcatgctgtg gtgactccag ccattctgtg gggaactggg aataaaatgg 218460 ccaacagtgt agacatgccc accacctctg gggagcttcc atgctacaga gagctacagc 218520 ccaagaagag cgctgcgaag gaaacagctg gcagtaaacg agcgagtcac ctacccatgc 218580 ctcaggaaga ctccctgaac acaaacagtt gaggaattac ctgagggatg agaagaagag 218640 caagagaget ccagecagag gcageageae gggtecaage tetgagggge agtgggetge 218700 gccatggcac tacaccagtc agggaatgag tatgcaagga gcctagaacc ttcaacatgc 218760 tgggttctac cctagctcta ctgagtgtca ctgaaaggga cagtagtgct gaattattgc 218820 tttcaaaagt tcagtctgct ggatctctgt caaatacata ttagaataga agtatggaga 218880 tcatatcatc atcatctcta tatctatata taaaatggag aaggtgttat gaacaaagtg 218940 atgatgtatc tgatctttta gaaatgattg gaattctgac aagcagattt ggagaaaata 219000 agatetetag agagggtgea gggtgaceaa gtgtgggget gagegaeagg aggeaagttt 219060 gcacgtgggc cagcatgaag cagcagtggg gacagcagct gtgagcaagg aagatgctgg 219120 tccctgccca gctatgagtg ctcttaaagg ccaggccaca cctacagggg ctgctttaaa 219180 tttttaatgt aaaattaaat ccgagggact gctttaaaaa tttatctcgg cacatctcag 219240 ttaccacgag agagttccgg tgtgtgttt tgtgccgatt taaaaccatc tagatccata 219300 gtgaaattgt gactttcaac aagacgcctc ggcatcagga tcttcatata atttgcccca 219360 ctctgtggtc tatagaattt cacatctact gtcataatgt gctgagccaa gtcggtcatg 219420 gtggcatctg aggcaggaga atggctatga gttcaaggct ggctgtgcta tagtagaaaa 219480 tcctgtcaca aacaaacaaa caaacaaact cagcaacagc agaagaaaaa caggccaagc 219540 caggacatgg atgcaatggg gcttctgcgc caggaactta aacttgaagg tttatatctt 219600 ggttaatttg tcattcattc attcacccac tgtgtgttaa ctgagcacca gcactgttgt 219660 aagtacttac tetgggtgag tgaagggete etacgeteee tgtgageeee ttaccagtag 219720 tgagggtttg gtgtgattct tggcgttagc ccaggttagg aagtgacagt aaataatgat 219780 caagggaaag gcctgttgaa gcagatatct agacctgcag tgacggcctg tgggatacag 219840 gtttgagtga cttggggaga gggccgcaga gatctgggcc caacaagcca gtcaagaaca 219900 geggeaggta agaggtgace ggetgageea tecateetge etettgteea eeteteaaca 219960 gaagagttga ggcacaggcg ctttaaatgt ctccaggtga ctctcaagtg gctttgggtt 220020 tattctgatt acaccgagaa gctttccaga ggagagtgag agacagagct ttattctcga 220080 agaacacgtg gagcccgagt gcagtgtgaa acgcagccag agagaaggaa gggtgtcttc 220140 agggacacag gaacctcaaa gttgatgaga gaaagggaac gccgagggca ccctgaggag 220200 cggtggcgct ggggtagcag ggagtgcagc tcagaggcgc accataaaga tgagtttcca 220260 gtgtggcgac ctcacagtgg tgcaagtgca gaggtcctct cctgcgttag ggacaactac 220320 aggaagggag gtcgcggcga gggagatggg tctccaccgc cacgcccctc tgctgtccca 220380 ggatgcacct ctctaactcc ctcgctctaa agcctggtca ggatgcacca cccctcaagc 220440

tececeatet tetteecage agageteatt gtgteeaagg geattaegag tggtaactae 220500 attctgtgac aaatgggaat aaagagaaaa ttctcggtaa tttttctcat tctaattccc 220560 ggcttttcag tatgcttctg ggtcctgact gattccttgc tgactttaag gggaaaaaaa 220620 atgctgtccg ggctttaatc taaaggagca gatgaatact gcaaattcag aaaattgctg 220680 tctttctgag gacgagcttt tgcttctctg ccgtgttctg tgctttgtgt cttcctaact 220740 agaaggagac accacccggc cagtgagacc tgaaacagaa acccagctca gcagagtcaa 220800 aaccaacacg ctcaaagtgc cttaggaagg ttcattactt gggaacattt ttaagccgca 220860 ggaaaactca ctgtctttta agcaacagcg gtctcttcag catcttgatc caggctggat 220920 aaggtacctg gaggttggtg tgtgatctta gccattgccc agtgcatgcg cttcacccaa 220980 agttcatcgc cttcatttct aggatggctc agtgggtagc actgaatcca gaaagcttgg 221040 teettgeete tettggtggt gaggeecatg agecatagat tggeteteae atatttggaa 221100 gctgagctgg actctaagtg acttacaggc gtttgtgtag tgctaggtgt tagtatttag 221160 acttatttac ttatttagaa ctgctaacat atgtgtgcac gtgccacact acgaataggg 221220 cttctccctt ctgttcccag acccttggtt tcccttccca gaggctgtgc tggttcactt 221280 cctataaaca ggacaaggcc aaccttcctg gtctgtcttc ttgggcaagc gccccgagtg 221340 ctgtttgctc ctgaggagtt atgctcacac tcgggctgga acacaagtgg ctacacagcc 221400 aacagcacat caagaccggt gcagaagact gctaacttca gttgttaaat ctccatagca 221460 actgggtggt ctttcttctt taccgctgaa gaagctgaga ctcagactca ggcaaacaca 221520 catacccata gccatctctc ctctacgccc cccagcatgg aggaggaggc ggagctgact 221580 tctgaatggc agctttcccc acttactggt catgggacct tgggtgggtt atgactgcta 221640 ggaccgtact agcacatttg cctctgagtt ctaagtgaac caaatgggca cagagcactt 221700 agagecatgg etagtecaga gteaacaeae tggteeetgt gatetgtete ageeteacae 221760 eggtttatag cectectect tetteettee ageetagact gteaatactg tggettetet 221820 cttgggacct tgaaggagag gctgagaaga gtctggacag ctctggaatg agcgagatgt 221880 tccctgtgga tcctgctcct tataggggag ggggacaatg gactgggtgt gtgtcctaca 221940 cacatggaca ggacagaagc cagccatgcc tcacgctatc tcctgacccc ttggagtgcc 222000 tetttatgtt ettteagtat ttetettte eetetetgte ttttettttg aattttttea 222060 tggaaggagg gaatataagt tttcttgctg attatggaac tttttatata agtttgtgtg 222120 tgtccttttt ggttgtcagg aaatgtctgt cattaaaata tttaacagct gggcatggtg 222180 gcacacgect ttatteccag cacttgggag gcagaagcag gcgaatttet gagttegagg 222240 ccagcctggt ctacaaagtg agttccagga cagccagggc tacacagaga aaccctttct 222300 caaaaaaaac aatatatata tataacaact acctttatct cctaatattt ttatgtcaga 222360

gaaattcatc cggtggaacc taagactttc tgtgagtcgt taggaaggtt aaatacatag 222420 ataaaagcca tccatttaat ctttgattat ttgagaaata gtcctttaat agagctatta 222480 aaaagttgtc ttgaattcag aaaattttca gaattcagaa gttaatatgt gtatttagtt 222540 ctacctgaac ttacaaggga aagacagaaa atttctgcct ttttttttt tttttttt 222600 tggtctgaga cagtctcact gtgtggctga cctggaactc actgtgtaga ccagggtgac 222660 ctcagactca cagaggtctg cctgcctctg cctccccagt gctgggatca aaggtgtctg 222720 cccccacacc aggtccagag ctggttattt tttgaaatta ctgatgattg atttatgttc 222780 ttgttgtacc tgaagacaaa cattgtttta gcacaaattg cccacagctc aggaagtaaa 222840 agaattggac cagttattta gagaggtcac tagaaaacag ctggttttgt ctcccagtca 222900 tagagatttt agtaaatagc agcctcccat taggtttgca cagtacttta cggcatatat 222960 tttttctgca agtgtgcgat tcatttagcc ctctggactg gctgattttg tgtgtcaact 223020 tgacacaggc tggagttatc acagagaaag gagcttcagt tggggaagtg cctccatgag 223080 atccagctgt aaggcatttt ttcaattagt gatcaagggg ggagggctca ttgtggatct 223140 ctggtcttgg gttctgtaag aaagcaagct gagcaagcca ggggaagcaa gccagtgaag 223200 aacatccctc catgacctct gcatcagctc ctgcttcctg acctgcttga gttccagtcc 223260 tgacctcctt tggtgataac tgcagtgtgg aagtgtaagc tgaataaaca ctttcctccc 223320 caacttgctt cttgggcctg atgttgtgtg caggaataga acccctgcct aagccaccct 223380 ctgaagcagg cagaaccaaa gttgctgatc tattttacag accacaaaat cgctttctcc 223440 agtaaacaca gatttgctgg gtgcctcagt gatgtctgtc tgctctgcag cccagggagg 223500 gggaactggt tggggggctt ggggaaagcc tcacggcagg agagagggag tcagcaggct 223560 ctgggtgtgc tgcctagatt tcagttccaa aattaaaagc acaacttcac ttacaccaga 223620 aggaggetgg teagtgttta teagetgtgt etgtgaeaga ataceagage eagteatagg 223680 gagggcgggg ctatcctgat ccagccgtag ggagggcggg gctatcctga tccagttgta 223740 gggagggtgg ggctatcctg agctagttgt agggagggcg gggctatttg catggcgggg 223800 gggggggtgt cttcagagat tccagcactt gcttggcctg ttgctctact ctcatggtgt 223860 cacagtagca cagggtgagg aagceteeta teeccatggt tateatggge agactgeece 223920 actaagtgct cagtacagct ttcctcccac taaattccac ctcatcaagg ctctgccacc 223980 tcttaatagt ccctggaatg acactaaacg ttgtcatcgt ttttaaccag taaaatttgc 224040 ttatgttctt atcgtctgtt cacattcctt gaaaaaaatt aacagagacc ggttcaaaaa 224100 gtatgatttt gacagaaacc ctgggttagg ttgggaacca agcagtcctt ggagacacag 224220 taagagccac cgacagagat ctctgaaagt gattgagatt aagacggcta aaaggtgcct 224280 gctgctttct gatgagcgtt tgaatcgttc ttgattcact ttgaagggaa gagttaacta 224340 ctctctgctc tcctctgctt ctgcttctgc tctgcttctg ctcgccgtct ttcacccacc 224460 gagteteagg tteattetga gaeettteee eccaageett eettaaatge atetgaeage 224520 teegtggtge tgggetgtgt ettetgttee eegegeeeca eetgagaetg atgacaaagt 224580 cttttgtcca tgccatgcac aactttgtcg tcatggggac ccagtgaact atctggtggc 224640 cactagaaac ttggagagtt gggaagccag cgcaggtgct tgacgcagct ccagcaaggc 224700 tgagccgaat gctgtagtag ccgtcattca ttctctctt ctctctct ctctctct 224760 ctctctctct ctctctctct ctctcttggg gtttggtctc tgtgtctttc attttggggg 224820 actitictgca tiatgatica tittatgict titicctgaga aaattgigtc tgattctttt 224880 taggcaaatt ctaaagttaa ctttatctgg ccactatttg gaagtcttcc ttatgccctg 224940 gagatcattg aggacagata agcacagagc tagatgaggc tcttcctcca ggaatcgtct 225000 tggggtatct gctcctgagc taactcaaac agtatagatg gtacaggtaa acagagacaa 225060 ttaacaccct ctgactggtc aggggaagag gttacagatt caaggcttcc ctttacaata 225120 acaatattta gaacaccctg gaaatgtgct ttaaagatgg aggggggtgt caaatagagt 225180 acatacccct ggaggaatag aactcagtaa ttaagatgga ttgactaaat ttttcccctg 225240 ctttatagca tagatgatga aacataatgt aaaaggaatt agctattagt atttgctagt 225300 cataaaaaga tagtttctgt ttgtctggag cgctttcaaa ctgcaaacgc tgccagccaa 225360 aaagcaggct gtcctccaat aaatgtgttt ggtttggagg agacattctt tagattcttt 225420 acattggagt tatagggctg ataataaaaa taaaatctgt tttgtttgta tttccttatt 225480 gtgaacctta ttgtgaactt ataaacctga atatgtaata aaaaaaaatc aaacacataa 225540 tttgtacttc ttggattacc attagtctgc ctttgttctg tgaaataaac aagcaatctg 225600 attgctggtt agtcagagct ctgagattct ttggtccatc tgcacctgac ttcctcccct 225660 cgccaacttc tttgcgggtc agcatctagg gaaggcccct ggcagtttgg tatgtataca 225720 actgccattc tgactgaaac agaagctaca accgtctcag tccatcacct gtaactgtgc 225780 cgtgctgttg tttgatgtgg ccatttctct ggctgctgct ttgttgtctc tattgacttg 225840 gcaaagctcc tcgttccctt tagttcttac ttccccattg gctagggtta aaaataagtt 225900 cagggtgaag cttgctctga caaggatgcc caggctcctt cttttctaat taaccccccc 225960 accccaccc cccagcctcg gccaccacca gaagaccgaa gttttcagtg ttaatagctt 226020 agctgtccct ggttaggaaa gtgccataaa gacaggaaac ttgtgggatt cattcccaag 226080 teettgtgtt tgatgeeetg eetggagett aaggaattga aceteeeegt ggggaegttg 226140 gagatgtgtg tgtcaaggat cagtggttgc atctaactca tcttagaatg cttctgggct 226200

tatttccaca attatcttct gcacccgacc caggcagaaa gcttatcgcc tatgccttcc 226260 aaagtgtcat atatgtaaac gatcccaaac aagcttatct gtgatctcct catacgcttt 226320 cccttccaga gctttggtga agtgttagct attgatccct gtctttcttt ctgataagcc 226380 tcagtccaag aggctccctg tatgtggagt ccttccctgc catcagggtc tcatttatcc 226440 tgcatcctcc ctccttgctt tgtgtctcct cagcatgttg ccagcaggct gtgctgtgat 226500 gccttgtatt tcttgtattt atttgtacat catgtataca tttgttctct ttctcttgct 226560 gttctgccgt tttttcaagc tgatacttat tgaagctgag tctgtgttag cacacacac 226620 cacacacaca gaccgcccc cccccccag ctgtgcttta gagccgagag gtttcatgct 226680 aattctccaa gctgttgttt gtgataggta tataggttaa aagccagttt tagagagggc 226740 ccatgcttaa gcacgtgtgg ctggtaacta gcagagccag gtgttggatc ttttgcccgg 226800 ggggggggg gggggaccg gggacgggga cggggacggg gacggggacg gggaccaggg 226860 totcattotg gatoccaggo tgotgtcaag otcacgacco tootgggtca gooccgtgag 226920 tgctgggatc acaggcacgc actacctgct tagcttggag tttgaacact gacctagtta 226980 gttgtgggga tttggatagg aatggcgccc gtaggctcat atatttgaat gctccattgg 227040 tcaccaggga atggtgctga gtgggattag gggcgtggcc ttgttcgagt aggcgaggcc 227100 tttgggaata ggcgtggcct tattggagga aatgtttaac tggggatggg ctttgagttt 227160 tcaaggcccc aagccaggcc cagtgtcttt ctcttttccc tatacctggg gttagctacc 227220 acatttgcct gcatgcctcc gtgccccacg ccatgagaat aatctgacac tgtcagcaag 227280 cctcagttca atgctttctt tttgtaagac ttgctacagc cacgttgtct tttcatagca 227340 atagaacatg aactaaggca tttgtttaaa tagatcatca tagttcacac tttctgcttc 227400 cagcagtcac caccattcct taggagtcca ccatagagag ccaggcattg tggcacacgc 227460 tattagtgcc aacacacaag gcagaggcag gttaatctga gtttgaggac aatgtagcct 227520 acatagaaag ttccaagcca gacatggcta cacaatgagg ccttgacaag aggggttatg 227580 aacagaaggc catagagaga tcttgtaaca ggctttgatg gacttgaagt ggcattttgt 227640 tttgttttgt tttgttttgt ttgttatttt tagacaggat ttcaccacct gatcctagct 227700 agceteaaat teagagaeet geetgteget geeteeeeag tgetaggatt agetagettg 227760 ttaacctcac ccaaaacctt ttcaatcaaa ataaacatgt attaacactt ctagtctaga 227880 caactgttat cacattcgtt tttctatgtg tctttggcat atttatatgt gtgagggtac 227940 atgagtggtg tggcatgtat gttgaggtca gaggtcaact tgcaggagtc cattcgttcc 228000 ttctacggtg taggtcctga ggatggaact taggttgtca gggttggtga caagtgcctc 228060 taccetttee gecatgitge tgetetetgi aageatacat atttaataag ggiteaacet 228120 ccccctagc ccaccacca ccagagccat tggaaaagga acattaatgg gaatcagggg 228180 tcgtgaacct gtttagaaac tgttctttgg atgattgatt ccagtctctg tcatcagtag 228240 cccagcccta tagcaaagca ccaccaggaa tcagcagtga cagtgacagg aatcagcagt 228300 gacagtccaa tccattcagc agtcatcttt taagattcag cagtggcagt taaatccaga 228360 aaccttgagg ctctgctaat gggccggagt ccagtgaagt gtcaagaagc cgcgggaacc 228420 tcacacgaga agttctttgt cgagtttctc cctgtgaagt caccacaaat gtatgaagct 228480 cagcaaccca atgtaaggtg aaccgataca tgagtgtcaa cagggaagac tagcgaggca 228540 gagcaaagcg gactggaccg aggctggagc tcccgttgtc tgtaaggtca tatttatatc 228600 ccttctaaat gccacacatc ctttcatgtg tctgctgtag ccaaacagcc tttcacccgt 228660 gtgccccagc aaaacatcat ttgacataaa tgactttcca aacaaaccag aagtttctac 228720 ttcaaccccg cctccacctt ttggtaatac aaagaatcaa gcctttacac tagaagaacc 228780 ccaaggctaa atgaattctg ctagcaaatc ctccttcaca tatccaaagt tgtgcccttc 228840 ttaggagtca gttctccctt ctcgtttatt ccaattagct tattattata gttacgagct 228900 aaaattaaac agtacataaa ttgatggact atgactagaa aagtagagtc cttagttctg 228960 ctaaaataaa gtcagatgct tcaggaaaat gggataaggg cgaggctcca acacagtcac 229020 tctggaaata ggagtgggtg ggataattgt cagagatttg agaagaaata ttaaaagtca 229080 tgaaggattc agcattcatg tcgcttcaca tgtttaaatt ttcatcccac gttagaagaa 229140 ctgagccaga aagtcgagca gaagatggaa tatggatatg ctttatgcag atattataga 229200 attctaaggt ctccagtgct gcgtcaaaat aaaatgtcca aggcaacagg tgtttttaaa 229260 ttatctttct caaaatgaat cccccacttt actagctttt gaaattaagc agtttctggg 229320 cctaaatgtt ttaaataaaa ctgcttgttc tatgtataga ttaaaaaatat tatgtaactt 229380 aatatctatt tttttgctca gtctttcatg gacatgttta aagccaataa atgtggatga 229440 attttttttc ttttttagtc tgtactggaa gttttatgcc aacttgagcc agctagaacc 229500 attttggaaa aggaaccttg tggtgacaaa cacccttaat cccagcagta tggaggcaga 229560 gggaggtggc tctctgaggt caagaccagc ctgctctaca gagtgagttc ccggacagtc 229620 tagaaaaaga aaactgcctc catcagatta gcctgggggc aagcctgtgt gcattttctt 229740 gattgataat tactgtggaa gtgcccattc aacagtgggc agtgccaccc ctgggctcca 229800 gggtcatggg ctgtataaga aagcaggctg agcaggtaca cttaggatca agccagtaag 229860 cagcactgcc cctatggcct ctgcactgct ttctaccttc aggttcctat ccagtttgtg 229920 ttcctgctct gacttcaccc agtgatatat atatgtgtgt tttcatgctg aggtacttaa 229980 ctacaggtgt ccacagaggc cggaagaggg cattggatcc cctggagctg gagctgtagg 230040

tggtcctgct tgtctattgt tgacactaat tatctaatta ggtcttctgg aagagcagcg 230100 agtgccccta acagctgagc tgactctcca gccccaggtg aatcttgttt gctcttaacc 230160 tttcgagtct ctccatgaag ttaatacaca cacagatcca tgcagagatt cggataagtt 230220 tgtttcaaac ttgcatccat tgctttgagg tcaaatctgt aggagaattg gcatctttgc 230280 aacactgaac tetgtagtte aageteaagg aataacttee tattatttea gtetteette 230340 atttacctag tgtatgttag tcctgtagtt ttaatgtaat tcttttcaat gggtccagaa 230400 tattttatga gtagcatgtg actttatttg atcaatgccc tttgttttat ttcactaatg 230460 tgaagtgtgt ggtcatgaac attcacattt aagtagcatc tgtctttttg gaaaacacac 230520 atggccttgg acttggaaat cagtcccaca ccacacgctg tcgtcgtcat tgtcctcatc 230580 gtcctccgcc tcctccttct cttcctcctc ctcctctgtg aactccatcc ttcctctgct 230640 tccttatagt taaaataggg tccactcttg tgagtctcta gaatggaaat catattcgtg 230700 tgactttcca atatgattag aaaaaatata actcatctta gtttcatcct gcatcgtttg 230760 gttttgettt gttttgettt gttttettt etttettgag acaggacett gtgttgeetg 230820 tgtcaccagg acccatectg agetegtggt cetettgeet etgeeteece agtgetggaa 230880 ttacaggtgt gtgctacaat gcttgaattt tgaatttttt tattgaacaa gttttcattt 230940 ggtcaataat tttcatggga tcagtatatt tattcccttt tcttattaac agtgtgtttt 231000 tatatatcat agttaataat gtatcatatt tttacagagc atagatctgt atatcagatt 231060 cattagccag tatttttca ttattagaat aggcttattt tttatgggag atggaaggag 231120 ggggcatggg agagagaga agtggggaga gagagagcaa gagagagaat gaacacttcc 231180 taattcatgc ctttggatca tttaatagta tcatatcaat agcataccta gtatgttcat 231240 aactagataa gctaaaagga tgatcttgag tgggaagatc attggccata gatccagaag 231300 acggttctag acatgactcc atcactttta ccaccgtggt actgaatatt ctctttgagc 231360 ctaattteet catetetaca gttaeetaga etttageeca geetetaggg getatgtgag 231420 gtcatctttt aaaatattgt tagggtttgg ggatgtacct tgtactgact agttttatgt 231480 gtcaacttga tacaacctgg agttatcaca gagaaaggag cctcccttga ggaaatgctt 231540 ccacgagatc cagctgtaag gcattttctc aactagttat caaccgggga ggacccagcc 231600 aatggtgggt ggtgccatcc ctgggctggt agtcttgggt tccataagaa agcaagctga 231660 gcaagtcagg ggaagcaagc cagtaaggaa catccctcca tggcctctgc atcagctcct 231720 getteetgae etgettgagt teeagteetg aetteetttg gtgatgaaca geagggtgga 231780 agtgtaaget gaataaacce ttteeteece aacttgette ttggteatga tgettgtgca 231840 ggaatagaaa ccctgactaa gacatgcctt aattggtaaa gtgcttacct ggcatttatt 231900 aggtccaggg ttcaatcctc agcactgcat aaaaccagct gtggtggtaa tcccagcact 231960

tgggaagtaa aggcaggaga gttgggactt caaggtcatc cttggctata cactgaggcc 232020 agtctgggct atatgagacc ctgcctcaaa aaacaaagaa taaaaaaaaa agattgcaaa 232080 cagtaactgt tacataatat atagagagtg ctaataaata tgtcataagt gaatgtatat 232140 tttactaaaa ttatctttca gctatcctca tttatgaaac agccttagca aacatgtttc 232200 ttgttctgtg gctttgggtt tacatctctt tgcatgactg tttttgaaag aaatggttta 232260 ttgcctttaa aaaaaaaag tccaagctga tgttctttgc tgccattcag agggtgtttg 232320 tggcttatta gcgctcgggg ccgtgggctc catctgcggt attgacagtc cttatgagct 232380 tgttagccac tgttctaata aaagtcatct tgatctgtga ggaaggcaca gcatggcatt 232440 aaaagaatat tgagttggaa atctgtattt tgggcctttc attaaaatgc accccttcac 232500 aaaggaggca gtgtggattt gcattgcaaa gggtagctta tttccttctg caacactcga 232560 agccaagtaa tttaattatg tctctgccat agccttttat cttctgcaga ggaactttct 232620 ctcctctgac agttcacatt ggaagccact cttcttatcc ctagaattaa ttaacatgca 232680 aatacttgtc gagagacaca ggaacactgc tttttcaatt agcttttaaa tgtcactctt 232740 aatggtggta gattgtctct tttaagggaa aattaaactg ctttttcctc gtgaatgctg 232800 ttattgatgt gtctggtgac tggcaccagt gggctcttta agtttgcaca atcagagact 232860 aactgaacca gggttggatg ggatttgatg ctgtaatgca gggttctctg cctcctcctg 232920 agggctggga ttccaggtgt gtagcacctt acctggcctc aaaagggcgt ctttggatcg 232980 gacgttgccg ttggaaactg atgtgctttg aaacatggac acagacacac atgggtgctg 233040 atcaaaccga ccttagcggt atgttttgaa atcaaacctc ccatggcaaa ttaacgttta 233160 gccttcacaa attgctattc atctatcatg ttgtcaagct gtggccagta aataattaca 233220 taagatgacc tttgcataca gctcagtcat cgtcaagtat tttattgagc cagtagattt 233280 tatttattta tttatttatt ggacaggatc catccatcta ggctcagtag tcatgggtac 233340 agccccttta aagaagctga agaggcagaa ttaagaagca tggaatgcca gtgagctaag 233400 aaccatgcca gggaataaat aagtgcacag tgcactgagc tgaacagcag tgtgtgcata 233460 cactggattt gggctccctc tcccgaaagg tttctgtgtg ttgctatgtt gagcttagtt 233520 ttgcaaggtc aatggcagta tttgactgac atctccagtg cagtgagggt tttcttaggg 233580 tttctagtac tgtggtcaaa caccatgagc aacaagcaag ttgggaagga aagggtttat 233640 ttggcttaca cttccagatc acagtccatt actagaggaa gtcaggatag gaactcgagc 233700 aggectggaa cetggageca ggagetgatg cagaggecat ggagggeage tgettacegg 233760 cttgcttctc ttggcttgct catgggactc aggacccagg accagcagcc cagggatggc 233820 tgggccctcc cacattgatc actaatggag aaaatgcctt ccacctgggt ctcaaggact 233880

ccttttcctc tctgatgact ctagcttgtg tcaagttgac acacaaaacc agccattagg 233940 agttgttaaa taataacaaa agagtatgtg ctgcctgtag attagcaaac agggctttgg 234000 ggaccaaagt gttggatgag agttctgcag ttagtggcag cctgtcatag agcaggcttc 234060 teggatgett gggettetee catgatgaca tagtgeette tgagagtgta ggetagatte 234120 aggacttggg gtttaggatc aaggttgcta gagatcagtg aagtcccagg aatgcctgct 234180 tragracce aggreeatet tggtccatee ettetgttet tgacatteat egteteaaac 234240 cttcctatca gttatctaca gtagggtacc atggagtgtt tgagggggtg tttgcattat 234300 tataaaacac acattttaga ttctaaacac attcttatgg cagtaatcca agttacatat 234360 atatatatat atatatat atatatata atatataaag ggggagtagg aaattaaaag 234420 caattgtcca tttccatcac aattctgatc ttctttttaa gaaaattaat ctttttagct 234480 atggataatc aaaagcacag ttatttaatg gaagcagatt taatatttgc cttttctgta 234540 accegeette gttagattet gtaggagage tttettggtt ceteetteat gttaetteet 234600 aaccactatt gtagtctatc tttgtactga acgctggtta ccacagactg tgctgaagag 234660 aacattettg agaceatetg cagatgtgta aageggteat ttgttgagga ttttgagtga 234720 actctgtagt cttgagtata tgtggatttc ctctaggaaa acccagtttc agccattttt 234780 cagcctatgc acagtgctgt gaatggcggc ttaccatgga ttcctctgaa aatagaatcc 234840 caaactcaag gcttgaagaa acaaagagga gaggagtggc taaaaaatatg tggtggccaa 234900 gatgtatgaa aatctaactt gacacaaaaa tctgtgcatg gtggcattat tcatagtcgc 234960 caaaatgtgg gggcaaacct caggttcatc agctgttggg tggatgcaca acacggtaca 235020 gaaatacagt agcaatcaca tatatggacg gatgttattc agcagtagag ctacaatgtg 235080 gattgaaagc atgatgctac atctgaagag ccagtcagaa gtgagcacgt atgtttttct 235140 gcagtgtcca gaatggacag ctctgagaaa cagagagaag gtttgtggct gcttagagca 235200 gaggaggcaa agatagggac ttgggaattg gctgctattg gcacaattgg cacagtgttt 235260 cctttggggt gatggaaatg tcctaaaatt agactgtggc gacagttgcc caactctgaa 235320 tatataaaaa cccactgaac ggcatattct aaatgggaaa ttttatgatg tgtgaacttc 235380 caaccattga aatgattaaa gtaagtggct tcccatgcat ggttagggac aaaagagtga 235440 ggatgcacac ttcaccctga gcttgtgggc caggcagaag agcagtcata gccagcatgg 235500 ccagcagtgc gttggggaca tgcattcatt tgggctaatg acagccagct gcaggggagc 235560 attgtgtggc ctcaaggccg tcaaggctat gttcctcagg gtcagaaaag ggggcagcgc 235620 cccagattaa tgctctgtat gtggtcaggc cttcgcagac acaggaggca ctcttcctgt 235680 tettecagaa ggeegtaaet ggtteetetg etgacetaga aagaaatgee eactgtgete 235740 cagtatctgg aaaagtcggg tcagagaggg gaagttgagc tcagctgctg agtcaaggac 235800 agggagagga agacctaagg tcacagactg agcccggctc atcttaggga acaagtaccg 235860 tcagtttgag atttagcaat taagctcttc ctacgacagt gggagtgact gtttctctgg 235920 aagcgtttac tcccgaacag tgtcctaaga atgttcagag ggaagtcagc cttttaagtg 235980 gttctctgtt gtgttgatgg gcaacattta gctcaaggaa ataggattaa cttagcactg 236040 cacaccagca gttaatggag aagcaacagc cctcttctcc aagcccacat gtccttgtgt 236100 ccggtctttc aacactgtct gcatctcttc cctgacctgt gcacagattg gattaaacca 236160 caacccccca caccctccgt ttaattatgc tcaagtccga ggttttgaac tcagaaagaa 236220 ctggggtccc cgtggtccat atgaaagtta attaatttta ggtagctgct gctggtctac 236280 caactgttta cttcagaagc ctggggcagc acatgtgtgg ggtcagtgtt gacccaaaag 236340 ccaagtggct tgggaacagg cagaaagaag tcttttcctt tgtcattctt gatttttccc 236400 cccctgtgtt ttgttttgtt tctgttttta tcttactaac ttcactgaag actattcttt 236460 tgagagccga ggccataact cagtggtaga gcccttgctt tgcatatgca gtaccctagg 236520 tccaatcccc tacactacct aaaagcaagc aagcaagcaa gcaaacaaac aaacgaaacc 236580 cccggacaat aaaaattaga ctttgtactt gattaggacc ccctaatcac acagaaacct 236640 cagctactat aaaaactgct caataatttt tcccccgatt tctttgtttc tttgtttctg 236700 gttttattgt aaattgctaa agaaatggca ccaatgagga aatttgataa gtgatttact 236760 gtgaggaggc agagagagcc ttgctgggct ggacgcgtgg cttgagtggg gtctggtggg 236820 tatttttgtt ttggttgcta tttttagctg aagccccgtg gcgggctagg gagtaactac 236880 gctcggttat gttcatgaca attagaacct ttcccttgaa tctgtgaagt cccagtcgtt 236940 gggaaaacca cactacacct ccctgattgc caaagcaccc ccctctctga tataacttcc 237000 tcacatacaa taaatgaaaa atagcatttt ctcccaagta tatcacacaa gatcatgtgg 237060 attattettt etgattatta gtegaacatg aateattaca eagaaceatg eagggetttg 237120 tttgctaagt gtattttgaa agatagctag ccatggcctg cagtagaatt ccttttggct 237180 cctgtgttag tttattgaaa gtagaactca ctagactcgt gaatgcaaga gcaaggtgtc 237240 tccaccatct tctgagttga ggataacttt catcctttgc caggctcctt agagactggc 237300 tgtgagcagc cctgacttaa cttcaaagca cagcttgtcc ctttgccatt ggcaccacag 237360 catcttaatt atgcttggac agctattatt aggatagaca agtgagtaag aactttcctt 237420 tgttggttta tattgctgtt ttgtgtgaca ttgtataagc ttaagctcac ccaattatca 237480 caattgccac atgccaatgt acagtcattg acggagactc cgagttcttt cagtgtctga 237540 cacagtetgg acacaactgt tetattaatg tgtttetgac caacteagag agetgtttat 237660 tgactaaatc cttgggtgac tgattgtaag catggtcctg gttatgactg caaaagaaga 237720

aagttgggta taatcaactt tattaacagt gatttcagga atgtgtgctt cagagaaaga 237780 gggatatttt caatgttcac atactttcaa aggaggaaaa taaaaaaggg caagtccata 237840 cagcaaaaat cacagtattt tagatagaaa aaaagagggg tgggggtggg ggtgggggtg 237900 gggagaggga gctgttttaa gagcaagaaa ctcttgttgg acttggatcc caggagaaca 237960 cacgttagac taaaggggga aacaaataat gaggcaagaa tcagaagagt gatgtaaacc 238020 agcagccaaa tagccacaga gcttaaggcc agacctaact gtgtctagag actatggaac 238080 ccaccagaag agcaccttta tgactgagtc cagagtgagg ggaggtggag actaaccagg 238140 ctcatggctc aaggcaggtg gaataacgtt aacatataac agtgattgag agtgaaccca 238200 gtgtatgtga taggtaatga taataacagt tattacaatc tattgacttt ctattcaggg 238260 ctggacacaa taaaagagga tttaattatt tttttctagt acccgtgaca gctgtgcatg 238320 gtagagatta ctgttatcaa ccccgtttta cagagagaat accaggccac gggagatttc 238380 ataacaagcc tgaagtttgt aaatgagagg acaacattca tattcgggtc tgacctgttt 238440 tagtgtctgg ctcttggcag gggacagttt catacatgta tggcgtattt acaatatatg 238500 catttgtatg cgtctgtata caatgtattg tgatcatgtt ggttccttag aacccccttc 238560 ccctctcttg ctgaccccat ctccccaatt aaccctctcc tactttcctt ttattttttg 238620 gactcactgg attttattag agttgcttat gttggcattg gataggagtt atttattgga 238680 gcctaggcaa cataccgggg ctacaccact gaaggaaatg aatgactgcc tcttttgagt 238740 aagcatccca actcttatgc ctactagcac caagctttga aacagattgc atgtttccgt 238800 ttaaattact atagtgtcag gcacataaac caagataaac ccaatagatg gcattgaaga 238860 gccacagcgt ggagtcatag ctgaaacaag gaaatggaat accatgatcc taagaaacgt 238920 acgtagctgc cggctggctc acttgctcag tgctctccta cactgggcag agccctgagc 238980 gtaatctgca gcactggaaa cggaccatct ggatttcttc ttataggtcc acttgagact 239040 gtttggagcc aagaattttg atagtgatcc ctggcaaacc agacttggtg tcagggagct 239100 gctctgtaaa gctgtaagtg acggaagaga tgcgtaggag acagcctatg cgttcacaag 239160 gtgtgccaac ttcgattctc ccaacctgtg ctcctgccct cctctgttcc ttcctagcta 239220 tttaaatggc gatcctattg ttggaggatt tcatagggga ttgcgagcaa gggaattcat 239280 ctgggctcag taaggcagat tcatgtttga tttagcttct tttgcggagt attgatttta 239340 aacaggtttt gctgcataat attgtggtta tgtcatccct ctggaccatc aaaatagcaa 239400 ctcttgtcta aaaaggaaat acgtttctgg cctggattgt ttggcatttc ctggtattta 239460 ttggctccca catgcctgtg aatcttctgt gtcagcattc cttgtgctta tattcagagg 239520 aaggaggaag aacaagtcag tgtcacctcc tgagagcagc agtgtgggca atggtgacct 239580 ctggatgaca catcacatcc gttcataaac tctgctaggg atagtctgtt ccttaccata 239640 gcaaacccag tggtctgtca tttagggact cccactcttc catttttcaa gatccagagt 239700 gatttggttg cettetgtet ggeteeteag agteteecat etttetgege agetgteggt 239760 tctcccagca tcttagaaga tagctcacct tggcttggta acttcagtgc atataaactg 239820 gttaggctga tgcctatctg gggtgggggg ggctttaaac cctgtttgtg ttttatcttt 239880 tgaagtagga agaatttggc atggcatggc cagtagctta aagtgaagta ggaaagacct 239940 ccttacagtt ttggagattt gagacgagag tatagtgtat ctgttagtgt tatgaagata 240000 gtgtgcatgc cctggatagg atatagaata cctctgcctt ttaagactct atgattatga 240060 acagttccgt ttcatacata cacacttggg tactgtccaa atcaaattca gggtcaggta 240120 gatggtaggg tgggtaaaaa agctgcacaa gacatggtga tctgtgaccc catcacccct 240180 gaggtgagat gggaggtgag gcaggagaat ggatctgaag ccacaggcca gctcttttgg 240240 aatgtgcatt tcagcagccc tcatgatcag cacatgtgtg ctgtggcatg catatatgaa 240300 ggcatgcgtg ttcctgcgca cactctaaat aaataattga aaaaccttgc aagtggaaaa 240360 ccattgcatt atggcgccat tgttacccaa gaagactgtg tcattccaag ttcccaaaag 240420 tcattgctga tttgatgact cacagggaac ggatggtggt ttggaaatgg gtctatgtta 240480 gcagccctcc agttttttac agatgctatg agggtatctg tggctcgggc gtaagatggt 240540 tggccgtcac cactcccttt attctaagtg gttgtcttat tattgaccac tgaagaagag 240600 aagtaaaggt ttagcgaagg acccgtttgc atacacgact gtgctgaggc ctaaacttgg 240660 cagcagtttg aattaaaatg aagtttaacc tgcccatagt caggctggaa gcagtactgt 240720 aacacatgtt tagtttctca aaacaagtag cgcctctttg aaaacagcac attttctcat 240780 agcaatgcct aagttacctg gagtgatggg atttgcagga ttattggcaa aactgcacac 240840 tgccaggagt tagaactggt ggtcaggacc aaagtgggat gaacggcaca gttgtgtctt 240900 cagctgaaac ccacagggaa cagtttgtag agcgctgggg atggtgagag gctagcagta 240960 tgaagtgagc ccaaggcctg agaggctcct gctgctgagt gaatgtggag gatcgtgctg 241020 gggtggctct cacagggcag tgaccacagc aggcaatctc tgatgtcagg tccagtcttg 241080 tecetettee tgagetgtgg tecagttgta ttgtaaatgt gtggteaggt geeeggettt 241140 ctttatagac ctgaagtttt tgaaggcagc cacgaaccga ctccattgca tgatcctgat 241200 ctggaccgcc gatgcaggat cacacgatcg caaagttctg ggggccttgc atcatggtgg 241260 cccttcttcc ccacatctta gctttgtggt ctgtgcagtg gagactgtgt gcaaaaaatg 241320 cttgttgatg gaaaaaacaa acaacaaacc tttttctttt ttgttttct ttttgttgtt 241380 gttttgagac agagtctcat tataaagctg tggctgtcct ggaactcact atgtagacta 241440 ggctggcatt gaacttgaac tcacagagat cctcctggct ctctgcctct gcctcttaag 241500 tgctaggatt aaaggtgtgc atcactatac ctgactacaa actcccctct gagcccctac 241560

actctgtact tataaactct gtgaaagagg gacctggcca acaccgacat tggtatctgg 241620 ctatgtggtg gtttaaagca agcatggccc cccataggct tatatgtttg aatgcttaga 241680 catcagggaa tggcactaat tgagagggat taggacatgt gtcctcattt gaatgagtgt 241740 ggccctgttg gagaaagtca ctaggggtgg gctttgggat ttctaaaccc caagtcagct 241800 cagtgtcttc ttgctcttcc tgctggccgc ggtcccaggt gtagaactct tagctacttc 241860 tccagcatca catctgccta gatgttgcca tgcttcctgc taggataacc ataaactaaa 241920 cctggggaac cgtaagccat ctgcaatcag acacttttct gagagttgct gtggtcatgg 241980 tgtcccttga cagcagcaga acactgatta agacgggatg tgtgtgtgtg cagatgtggc 242040 agtcaggeet tggcegetga etcacagaca etgggateca getgtgtgtg ecatataaag 242100 cactggctgt tttaatattg atattaccaa cttggtctat tttacctgac cttgtcaggt 242160 ctttgatatt atttccagtt cattctaatt agtagtaacc tgttatcccc cactctaccc 242220 ccagcccctg ccaatctctc actttcttca tttatctccc ctccccctac ctgtctcctt 242280 cctctctgtg atggtttgta tatgcttggc cccgggagtg gcactattag aaggtgtggt 242340 tctgttggag taggtgtggc cttgttggag taggttcacc actgtgggtg tgggctttaa 242400 gaccctcatc ctagttgcct ggaagtcagt ctcccactag cagccttcag atgaagacat 242460 agcactetea gegetgeetg ecetgtgeat ecetagatge teceatgtte ceatettgat 242520 gataacggac tgaatctctg aacatgttgt cctttataag agttgccttg gacatggtct 242580 gttcacagca ctaaaaccct aagctactcc ctttccccct tcctcttcct ccttcctgct 242640 tetgttteec gtteeteete eccageette tgteegetag tetagtetat gteageaaac 242700 tetteataca tageeeggae attattttag acetecacee acettettt atageetgga 242760 ttggacttct ctgttcaggt gaacttccct tgtagagttt caaaaatacc tttcaaagaa 242820 ccttcaaaaa taatacagaa acagaaaaat agttttaaat agtactttcc ctttcatgaa 242880 cetttettt etgtggggaa ttetgtgggg gagattttga gaetetette etgegeaeat 242940 ttttcagagc ataccacctc atgtcaccaa aacaccgtgc attgcactgg cgtgtgtgtg 243000 atgttccgta ggattaattg taacataaca ttcccttaga aaagggctat ctcgcctgtc 243120 tgtttctgtt ctcacccatc gctcctacag aacgggggtg ggggggggtt ggtgggggg 243180 gggctggggc ttcacacctg cctagctcag gggcatctgc ctgtttatga gcagtaaatc 243240 atttttatg actcagggaa gctttgtgca tttaattatc caggggaaaa actggcccct 243300 aacgtgcttg ccaaagtaga ctcttaaagc tgacctagga caaagtcagg taaaatgttc 243360 tcttcctgtg tcgggggtat tttaatttct ctctttcaa taaattgtgg ttaaggatta 243420 tttttttccc agcatagatt ctgaaaaatc cctccctttc tcacctatcc agtcagcccc 243480

tetgettaet ggaaggttee atetttaeet eeacatatta tgtaatgaga eettgtgetg 243540 aaagtgctgt attgaaggac tgactttctc aatcagagga tagaggcagt tttacagcca 243600 aaataaataa gtagatggat agatagatac atacatacat acatataaat aagtaagtaa 243660 ataaataaat aaaataacaa agtacactga acagtacata tttcctctac tttggaaaaa 243720 ttacaaaaaa aatttataat agttccgact gtcgtttgaa aaatgaacac actccaagcc 243780 cgtctggatt cattggctta agagaggcag actgaaagta cgccatgcac cagatgatgg 243840 cagaacagat ceteettaag gacatttatg acaggecagg ettttegttt ettttettee 243900 ctgctgtctg tgtgtgtctc attactggca gtgatttctg aagcatcagg ctttttccac 243960 ctttgcataa agttaatcaa aggcagtctc ttagtggcct tgagctgttt tccatgttgg 244020 atcggatcct tgtcatggct actctgactt ctacacaaag atgcagttca cggaaaagct 244080 gtcggtgtgt tgtcaagaat tccttttgac agataactag gttcttttat gaaagccatc 244140 aaaggaatca gagaatcaat aaatgcaggg atttggtttg gtgtgagttg gcatcattag 244200 tgtgtgtgtg tgtgtgtgt tgtgactgag agtgtgagtg ttgtcagtgt gtatgtatat 244260 atgactgtgt gtgtgtgtg gagtgtgtca gtgtgtgagt gagtttgtgt gtgtgagctt 244320 tttgtcagtg tgtgagtatg tgtgagtgtg tgtgttgtca atgtgtgtgt gagtttgtgt 244380 gtgagtggtt cagtgtgtgt gtgggtgagt gtaagtgtgt gtgatatcta agactgggtt 244440 tatatgccat ggtgcatgtg tggaggtcag agcagaggac agctttgtgg gtgggctctg 244500 gggacagact ccaggccgtc aggttaggat cttactttac agctggcttt attcactcag 244560 gcatctcccc agcccctcat tctttccttt gagttcagat gtaggaagca gatgtttgtg 244620 atggaggaga cagcttttac ttgagcatgt tgccctttct gttgtcacat actgacattt 244680 taatctcgtt tgaacttcac agaaatcttg tgtcaggtat gaccagtttc agagcagtta 244740 agtggctggg tctcagcacc aaatgtgggt ctctcagtgc ccagtggggg cttcagcccc 244800 attgcgaaag ctaactctac ctcctgggga gctgctgtta agctggggtg tttggttggt 244860 atacactggt agagattcaa aaattcccaa actcatctta tattctagta aacacacaca 244920 cacattatga attttcaaaa ttggttttgt agtatgagag tattcagcag catttctgac 244980 atttccttca gaaaggagta taggaatttc ataggtcttg tttccctgaa tattgaagag 245040 ctgagaaatt aaacagtgag ctgccatttg ctttattggt aattgaacac actgcagctg 245100 acatcaaaag gtttctcttg taatattttc ccctgggcgt gttgagtgtc ttctgcttgt 245160 caaacgtgaa aaccattgat gggaacgcct ctgctttagt ttgaacttca ctgtatagat 245220 tttcctcttt aggggaagtt aggtgtcggg cattatctgt cagacaggga gtgaatggtg 245280 gagaggaagt tgaatatete tgtetgttgt tttgtagttt gggtettgag cetatggaga 245340 ggattcatat cattgagtaa aaaggtaaga aggaaagcaa gttccttaga aatctgtgag 245400 aattgaatat aactgtgtat cacagagaat ttgaaatatg ttgatgctgc atcccttgtg 245460 gagatcagct taaggcaaac tgaaaatgat cacagggaat acttaaacta taatcagaac 245520 tcttattatt aatttattgt taattagaaa taagcaatta agttaatacg actaggcact 245580 aaattctaag ttagaaaaaa ggctcaggta tgaattcaaa agagtaacag tccagttatc 245640 tttcatctaa ataggagata tcagtataaa tgcatgattt atattgttag acacgtccac 245700 cataaaaaag caggaaactc agagggcatg gtaaccagta gcatttagta cccgaggcac 245760 agagattagg gcttctaaat ggcacttctc actaggaggc tttagggctc cttgaagaaa 245820 tggctcattc tgggtctgga atgaggacca tgtgggaata gccttggggc atctcaaaac 245880 tgaaaatcag cgaagaggaa gctgagatgg cccagccaga ggcacccagg agccagcctg 245940 gagggttcct ggggacaaaa atggaatagt gaacattaac agaattgaaa tacataaaaa 246000 taagtttatg attatgtgtg gtaaacaaga catggcataa accacgctta tctattgcat 246060 ttaaagtcat gaggtggcct gttatagttc tgattgtgag ttaaggagga acaaggaaat 246120 ctggcctcca tccccacttt ccttgggatc ctgtacttta gggcaagtcc cccatacagg 246180 ctcgaggtta ataagtgaaa ggagatgcta ggcataaaag acatggattg gtaacaccaa 246240 tgagatcaaa gaggtaggtg acaacctgaa ccacactgaa gacattgagt gacagtgggg 246300 ctttatagta gaagatggcg tgacagtgct gggacccaca ggtacagtga cagtacttga 246360 acccctgggt ctattgacag tatctgaacc cacagatata tctacagtac atgaacgcac 246420 aggtccatcg agagtgcctg aatccatagg ccctttgaca attctcgaag caacaggtcc 246480 attgacagtg cttgaaccaa cagatccatt gacagtattt atactcacag attcatcgcc 246540 agtacttgga cccacagatc agttgacagt tcttgagccc atagatccat tgacagtact 246600 tgatccctca aatccattga ccatatttga acccacataa ccgctgacaa ttcttgaacc 246660 gacagatcca tcgacactaa ttgaaagcac aggtccattg acagtacttg aacccacata 246720 tgtactaaga atacttgaac ccacagatca gttgacagtt cttaaaccca cagatgcatt 246780 gataatactt gaaagcactg ggccattgac agtacttgaa tgcacaggta cactggcagt 246840 acttgaccca ctagttaatt gatagtactt gaacccagag atccatcgac agtacttgaa 246900 cctacaggtc caggtccatg ttgtcaaaca caagctagtc acacacagga atagcggcac 246960 ctgtgacatg ttcttaccca cactcctgtt tcctaacaag gctgaactta atgtcataaa 247020 catctgtgtc taattacagt gagetetget cagecacage atacatteca agggeetett 247080 ctcccaccac acacacat cggctgtgaa ctgttcaaag taccaatctg gcacacatgc 247140 tgattttttt ttcagtatat acatgtgata gtgttaaaaaa tttaaattaa agacggtgat 247200 tagatatcca gtaacaacta acagtgaagg agagcagttg acaataatac accataataa 247260 aacttatgta attatgtcta cettgeacag tgteetgtag ttegteetet etetteteet 247320 gtgacatttt tctttcctct tctgtgttcc tggagatcaa atccaaggcc ccatgcacag 247380 tctcagaaac agaagcttca tggttatcat aaatcgtacc atcctctata cacataaaaa 247500 agtaagttga aaacttaact teeeectgaa ggatgeatge atggetteae ttttgeattt 247560 tgattcttta gcttccctaa tcttgcattt ggggccatta ctaaattata aaataaaagt 247620 tacaggacta caaaccatga cagtgaatca ggtgaccaat atggctccag actgatgggc 247680 cagtagcaca tttgtgactt gtccccaggg gactgagcag tacatgagaa aactttatct 247740 tgctattcac agtcgaatgc agtttaaaac atacaaatgt tgtgtctgga ttttccatgt 247800 aatattttca aacttggtta gctgtggaca actgctcctg ataagagggg tccactgtgg 247860 tagtttatag gaaatacggg ggacaggaga tgatgtttaa caccataaga tgtaaagcag 247920 tccattcctg aatatagaag ttctgtgaaa acactgggtt catcacgtcc acaagtaaat 247980 gttacagaag aaggtagaga agggactaag ccaggcctaa ggagatttat taactagttg 248040 caagtaccag ccctgtttgg aacttaaatc atacagtcta gctgtaagat atccttcttt 248100 taaaacaata ggagaaaacg gaatacagtc tgtgagttat taagggatcc ttgataattt 248160 ctttgagtgt tgacaatact ggaacgatcc ctaacagttc ctatctacta gctgtcttac 248220 aaatgaatcc aagggctgct caaggtgttc tttagaatta gtccgttatg aggtccaaga 248280 cacatttgta tatgcatgaa attgtcaacc aataaacaga taaggttgga aaacactcca 248340 ttaaaggtga agaggtccac ataaggccac agagaaaaat cagagtgctt gaatgtggtc 248400 ctggtgtttg gtgaggaggt cgtgaagttc tttacggctc ttctccacct taccactgac 248460 gagaattgta catgataaac acaattatct tttgctgccc gagaggcagg agtcctgtca 248520 ggaggccagg atttaactgg aaagactctc tgctgttctt cccactccgt ctcctctctc 248580 ttcacaccct cgccgtttct tcagaagcca ttgctgagcc ccacttgtga ccatttctcg 248640 cacttcccag agggaaagaa gaaagcttaa aggtccagtt tccgcccacc gtggaaccac 248700 cgtggcagaa gcacttgact ctcatcctga aaccgtggcg acgcggtacc atgtgcccag 248760 agtctgctgc cagagaggtt tcctgggctg ctgatgattg cgaaggggtg gggaggggcc 248820 ttccgcacag tggcttgact ctcttccaat gctctgtgct ccctcaggaa ggttccacct 248880 ctccctacag tgcggcaggc ggggggacca ggctctccac acctgccaga tactgaagct 248940 caageegtat atecacette ecaegtgeee aegtgeetta tittacaetg gitteeagaa 249000 gcatagagat ttcatccgct tgattgtttt ttttaacttt gtctgtggat aaactttgaa 249060 cagccaaata agggccaacc aagtaggaca gcgtctgtgt ctcttgtagg tgtccctcta 249120 actgtagagt tgtgaagacc tagttggagg caggctgtga tgacagggaa atccatggca 249180 acccctgcct cacattcata aaataataaa accctgcaaa ccaacaataa catccatttg 249240 tactcgctcc tctgtggagt gtattcagta acctttgtac ttgaataagg cccgagggag 249300 aacagatgac ttcagtttct tatgtgctta aaacactttt taggaccatt gtggtggtag 249360 tggtggtggt gataatgatg atgatggtgg tggtggtggt aatgatggtg atgatgatac 249420 acctctacaa atgttaaaac aaacatacaa agtccccggc ttcccctagg ctggaatttg 249480 ctttgcttcc tggcaaaatt atttcgtctt ttgtaaaacc tgggggggcgc ccgagggcat 249540 gtacagatet caetgteate tgteatgtgt caeaegetag aegtggggag cageagteat 249600 ccatcagggt agaggagtag ctcccttgct gggttcttgc tgcaggctgc cttctgctcc 249660 acaagattta gtgagaagcg ggaaaacacc gaagctcaca gaaagatctg tgcccttcgg 249720 gtgtctgacc gggtctgtgg aaactgtaca gatgttccta acattgttgt gtccttcaga 249780 aatcaaggct ctagatatag tcaagatgaa tgacaaagtt ttattcatat tcagggacca 249840 gcgagaacat atatatata atgtatatat gtatatatat atacacatac atacatatat 249900 atatatatac acacacacac ataaaaaatg gaagaataaa tatcaccgct gagcatcaag 250020 tettatagea caccagatge agetgageet tgtaacgaca taategeeag taageeette 250080 cagtaatccc actttatagc tgagctgtcc agtgacttgc acagggattt acagttagga 250140 agaggcagag ctgagttctg ggagcccttt atctgacgcc agggcctctg ctttctatcc 250200 cccgtgcagt gtcagggtca acagaaggta acagatgtgt aatccatccg gtgccgattt 250260 ggtctctcac cacctctgtt ctgtgtgagg atctccggtt atttttcaca tttatagcta 250320 cccggaggtg aatacagggt agaagggacc gaaggcgcat acatggcagc tctgcagaac 250380 cagcatagaa caccgagtgt tggctgactc gatgtctagg gtgaaagcca catggcctgg 250440 ctaccaggca aggcaggtaa aggccatctg agtggatact cactgcagct atgaggaaga 250500 aggcacatca gacttaatcg aatggcaaag aaatgccacg taatcatcaa taccaagata 250560 aactctatct tcactcaata aggatgtatc ctttaccaac tcaccagaaa agcacagaga 250620 ctgtgtactt caaggtccca gccttcctca ggcacaacgg catgacagtc tttcctcaaa 250680 ggagtgatac tttgacaact atagtctctt gttctggtaa tttcttaccc caataagccc 250740 aaattaaaac aagcaaacag accacacaac ccagttacta taagttatat gcctagaatg 250800 ggcagatcta tcagtatact aacttgttcc cagctatcag actccttgct acttgccatg 250860 tettecteet tetecteete teetectee tectecteet geteeteete etecteetge 250980 tectectect ectgetecte etectectet tettectect ectectette tteetectee 251040 tectectect ectgetecte etectectge tectectect getectecte ttectectet 251100 tectectect tectetetaa gaeeteeeat eteacetttg cetteeactg eccaateaca 251160

ggctctagcc ttatttgacc agttagaatg gggagaaggt tcacgtgaga tcacctgatc 251220 tcctcgaggg cagccctcc cgaggaagca gaattaacat cataatacaa acagcaacag 251280 tgcaacccac aaccttcccc ctttttgttc aatacaaagg cttccttgtt cagatctaga 251340 ttgagcacaa ccataacaat catgtaaata cagtgtatga cagtgcactt accatccagc 251400 ctaccatatt tgtcctcaca tattcttcag tcacatgcag aaacactgga aggagcatag 251460 tacactactc tgcttctatt tttagaaaga tgagacctcg ggctggagag atggctcagt 251520 ggttaagaac actgactgtt cttccagagg tcctgagttc aattcccagc aaccacatgg 251580 tggctcacaa tcatctgtaa tgggagggat ccgatgccct gtttcggtgt gtctgaagag 251640 atcaacagta tactcgcata cataaaataa ataaatcttt aaaagaaaaa aaaaaaaaa 251700 gaaagatgag toototattg aaaatataca tgoocagaca cotttgaaag ttattttcaa 251760 ttggcaaatt attctgggtg ctttctccat gagaaggagt tttaaaaatgt gtatttgtta 251820 agettagegt tgttaggagt aatgaggeta cateteacaa gtataagtgg gatgtgetet 251880 gctagtcctg caagtaacta agatgactct gttatctgat tttcattttc tttaacatca 251940 aattgaaaat aaaaactgtg teeacteeag caggteetga atgtgagteg eecetageta 252000 taaatggccc actatgtgat ctctattttc ctcagcttat tggttccttg actggcgggc 252060 tagatctcaa agagataagg ctttctgggc tcaagttgct cactgcagtc acatgacttg 252120 tgatttatat tggtcactca ttgcaagcca gagttatctg ggaagggaaa cccagattaa 252240 gaaaatgcct ccagccgcgc atggtggcgc acacctttaa tcccagcact cgggaggcaa 252300 aggcaggagg atttctgagt ttaaggccag cctggtctac aaagtgagtt ccaggacagc 252360 cagggctata cagagaaacc ctgtctcgag aaaccctgtc tcgagaaacc caaaaaaaaa 252420 aaaaaaaaaa aaagaagaag aagaaagaaa gaaagaaaga aagaaagaaa gaaagagaaa 252480 atgcctctat cagattaacc tgtgggaaag tccgtgggtc attttcttga ttaatggttg 252540 atgtgggagg gcccaggtga ctatgggtgg tgacacccct gggcaggtgg tcctgggcaa 252600 gccagtaage eggatteett tetgacetet getteagtte etgeetetag gtteetaeet 252660 agagtccctg ccctggcttc cctcagtgat gaaagtatcc tgagaaccga aaggtgaaac 252720 gggcctttcc tcctcactgt gtctcgtcac actgacggca acctgagaaa ataaggacat 252780 tgttttactc tcagcatcgt gtgtggagtc agaggaggca ggacatgtga ggacactgag 252840 aaccatggga actgggcctt gtcattgacc ccatgagact gaagactcgc tttcctgcag 252900 cctcccttca cagcggaggc cacggctctc cactccttcc ttctgtggct tccttgtatg 252960 tcagagacca cggtggccat tcctttttat ttttctaccc agcccctgtt gtccaatccc 253020 tgtgtcaaca gagagtgtcc tttcttccca gaagtgcctc agtacttttc caggaagctg 253080

cgtgttccct ccaagccgaa gctgagcaat gcctggcgtg gtcatttgtt ttcagagtcg 253140 ctggcttgtc actagagtca gctagaaagt gcgaggtgcc tgctcaggcc aaggccagca 253200 ctgctttccc cagactcact gagtgtgcgc agcctcgata cagcaggccc tacgctagtc 253260 agaaagaatt ggaaaatggg tgaggccggt tacttgttgg taatttgaga cagaaagaac 253320 tgattggctt gggaaattat agaaaatgac taaggcacac agccaaaatt aaaatatcaa 253380 gtacacattt tactttaaaa aaaaaaggtt ttaaacttta aagtatacca ccagttccta 253440 gggataagga tggaggtcgg tgggagggag gagggagact gagaggccag cctgagctgg 253500 tcagaggage tccgtggatt acctcgtgte cttgctaget cccagetgga aaacagcatt 253560 ggattgccca cattatgtca gatgcctcgg tgaacttggc taaaactctg tatcttcagc 253620 attctagaca ggaaggaatt ttgtaggaga gatgtttata gaaaataata ctgtagaaag 253680 acaaagccaa gatagtccaa gttattatat tgtcgttgtc gtcgtcgttg ttgttgttat 253740 tgttatctct ttcacaaatc ccgtgtgggg ctttctaagt agagatctta cagtaaataa 253800 aagtagtegg aactgtttgg aaggaacace etgageetga geetgegeeg etteetgtet 253860 ccccaccgc tctgtggctc tgccctctac tggagttttc tttgaagagt cataagcagc 253920 tggagatgga tgctgcccga gcgaaggatg ttgtggaagc tgacccaagg ccacagagtt 253980 gtagcccatt tgaggaacac tttacgactg cggctcctgt agagctcctc tggttagaca 254040 gtgcgcagga tccctcccag gaaccaatgg cactcctgtc tcctcctcat ctcccagaag 254100 caaagaggtc agctcgaagt acagctccgc caggcgtggc ctaaatactg tgtgggggtt 254160 cactttggct catctggaat ttcatgctac catatcctga cttcgagtct ctgcttcttg 254220 gaaatagtga gggcttcacc cattctttt ctagttattc agaaaaatga aatctgtggt 254280 ttagttcacc aactgtcttt tagtcaagag atacttgtgc cagaaaaaaa tcaaagtact 254340 tgaagtttga aaaagcaatg tggtttgtca ggcttagtca ctatctttaa ctttaccctg 254400 accatattgg ctcttaggtt ccaaattttg gctagaagtg aatttcttat gataagaatg 254460 atateetgaa tggaaagagg teaattaaca gtaattatta teageagete eteaaataaa 254520 aagcattgaa tacattctat gtacattcat gcacacaccc tcactagtcc tacaaataac 254580 tgatcatage ttteetette egecaettee teeteeteet eeteeteete eteeteetee 254640 cccatctctg tctttattca acatggggat cccagctacc ataggaactt tttggagagg 254700 acttataaaa tacaatgctt atatgaatag attttcgtcg ttatggaaac taatatggaa 254760 atcctccgaa aactaaaaca tgtggcccca ctattgggaa atgaaatagg tgggttgagc 254820 agatgtetge atteacagtg teattetgaa tagecaagag atgaaactga etttagagae 254880 tgtcagatga atggataaag gatgcacata cacacattgt taagagatgt aagccaggca 254940 cagaaagatg actgtctcat gattccgcta atatgtgaaa tagagatcat agaagccaga 255000 gtagaatggt ggatactggg ggccaggaag agggctatgc tgggaagata ctggtccaac 255060 gatacaaagt ttctgagaga caagaggaca cagcatggtg tttaatagtt aacaatgcaa 255120 catttatttt aaaacttcag agaacagact tcaaatgtta acaccacaaa actataagta 255180 tgtgaggtga tattcaatga atacatttat tagactatag tattttcttg taattctatt 255240 gttattttat attaataata aaaattaata ttatgttatt tcaaaataga aagagagag 255300 aaagtaatgc tggtagtttt ttctgtctca aggctaactt cagaaacaaa tgagactttc 255360 actcagactg gttgaatttc ttcacttatc tttgtttctc tgcgttaatt tgtaatagtt 255420 tgagattctg ataagaagtt taattttaga ttagaaatac tcatgagaat cctaagatgc 255480 tgctaaccac atgtaagttg gcacagtttt tcaaaacatt tctcactcta tgcttccctg 255540 gaaaagctta gagaatagtt cctatttgaa gaacggactg ccggaggggt agcctggtgt 255600 cacagtgaaa gactcaaggg gggtagcctg gtgtcactca agataaaata cagaattcag 255660 ggacctgggc cttagaaatc atggggagaa aaggaaagag aaacttgcag aaaggaggcg 255720 agaggatgct ggaggctcct ccctatttca taccatggcc ttggctggac ctctctatgg 255780 gaaggattca catctcactg ctttctgtgt taaatcattt acacccgaga attccagcta 255840 acacctgcaa tgactagttt gaagagttaa atagtagaaa tgagttaagt agtaaaaagt 255900 tgcccaccat tgatattgtc tcttagggga gtttaaagtt acacactagc aatttttaca 255960 atgtccacta agaattccaa ggttagtagt tgtagcaatt gctgttttag tgactccagt 256020 agcaatattt totataaaac ggttagaagt taatatatgt gagatgoota tocagttatg 256080 gggcagtgtt gtttaagtca ttaaagcgga tgcttcatta ttaggtatct aggtttctgc 256140 tccttgccta taaacccaga agggtgggtc ttgttccgtg ccattgtctg tggtgcctag 256200 aatatagcac actcaggaga cgaatattta ttacatgcat gaacaaatga atgagttctg 256260 tttatggttg aaggtctgga aggctgcacc tgtgggcgca tctgagcagt tttacccaag 256320 cctgagtttt tcttcccgaa gcccgcactc atctgtatgt ttgactctgt gtgcagtgcg 256380 aaggtcattc tgcgctttta catagagaga agacgcgccc tacgttggca ttttgtcgtc 256440 gtttatttcc ctcatgttca acagtcacat ttcatcccgg acaccagcca gaggcttctc 256500 attragette titgaaggge ageaacacte egeageeact agetageatg cetetecaat 256560 tgctttccaa ctcccagtgc tcatccctct gcccagaaca caccagctcc gcttgtcctt 256620 gagctaagac agaacggttt cttctcacct tcccctgccg cggtcagcct gctccttctt 256680 ctaaagcagc ctatatattt ctagttcagt acgatcagtt cttagaaaac cgatttccca 256800 agcttgcata gaaaaccaaa agctatgctc aagcgtggac tcgagtctaa tcattgagca 256860 gcttcctgtg ggatagctac aatcagagca atgatttaaa cctgacctct agctggaaat 256920

aggtgcgaga tgcctcactg ctgtgaaaca aatcctagta cgatcttagt ggggacaggc 256980 gttcctaacc cttggccaca tcccaggaca ggtcctactt caagaatttt ctgtgtagat 257040 gaggggtaaa gtggaaaaag cagccacatc tctgggtcca gtgtatgtga tcacagcagt 257100 ttttgtcgcc aaagaattaa agaattatac cttaaaaaact cttattgaaa gctaagccaa 257220 ctctttttct gtcatagtaa agtttctgta agtagtattc ttttgcaggg cataaacaga 257340 attgtggctt ttgtttttgt tttttcgaga ctgtttctct atataaccct ggctgtcctg 257400 gtactcactt tgtagatcag gctggtcttg agctcagaaa tccgcctgcc tctgcctccc 257460 aagtgctggg attaaaggcg tgcaccacca cgcccggcct agatttgtgt tcttgggcag 257520 categicigi gicaaactae igegiacaea atteatgiet tiaetiteag ateagiaaaa 257580 tcactttcct tgtcaaggtt atcttcattt gtttgtttgt ctttatcaga tgtccttatt 257640 tcctaaggcc tgggacaaga gggtctcttt cagggtccta ctcttcagat ttatggttcc 257700 tgtggtttct gctctattag agcctcgccc ctcacaaatc tcttttgtag acttggccac 257760 atctcacaga gctcacactc agacctgaga tcacctgata tctccctgtg ctactttacc 257820 ctggctgctt ccacccggtg agccctccac gtacatagaa gcatcaggaa tcaggagagg 257880 cgtagtggct gctgttggaa catctggcat ctgactctga gttataaagg aaatgacttt 257940 agaaggaaca tettgatgag ggaagatgat gaggeeecaa aggeeeggee ettggeagag 258000 ctgctctgtt tgagtcaagg ggaaacagct atcggttgtt cagagagtga ggggaactcg 258060 tgctttaata atagggaagg gaggaggtgg gacagagaga gcatccctgg acaggaagag 258120 ccatgacaca gctgaacgca gaggtctcca agtgtctctg aagtgtcctg tgctggtaca 258180 cgctgccatg gagaaactcg tgggtggggt aaatttaaaa actgtgtgtg ttagcaactt 258240 gattggtaag gtacaaggga cagatgatat tcatgttgta accattctgg caggagcaaa 258300 aagatgccaa aagaaacatt agtacccctc cctcccttca gctatcagag tatggggaca 258360 aatgtccccc aaggaattag agccccaccc tgggaatctc ttgctggatg gggaaagggc 258420 tgagctcttg gtggcagcca ggaagtgact gcatgtacct tagacagcgt gacccgtgta 258480 aagcaggcca ggagttagtg gttgacagaa tcatacctta accaacgatg cttagcagct 258540 aggaagetgt tgagteagge egetgagetg ttggtetegt ggetegeetg geegtgggea 258600 ttccccaccc tatctggaaa aggcacgctt tgtgacaagc tgcaagagac atgcaaaggg 258660 tacaaagaaa ggtatttgac tataccaggg gtagatgtgt ctttgtcatg ccccttggtc 258720 ttcctgagaa ggtgagagac aacatgactc agccgtttct caaagggaac ttttgtttgc 258780 tgagacttgc caagcaaaga ttccgtcatc cctattgcac acatcctttc ccagaccctt 258840

tagcaccagg actgaccacc teettetggt aggagtggge getteaggga atggtgatgg 258900 tatcacagge etgtttagee acageetttg tteegtgtee tgagggette tgagagagaa 258960 ctcttgaagc tttcaacagc cagcctcttt tcctgttaga aaggttcctg ggggaggcac 259020 ggagatagca agtctggtgt cagtctggaa ctctcctgca ttagcactta agggagagag 259080 aggetgaggt gtegaagetg tateggttag etgeaagtae tggtttttat tttacagata 259140 ccatggcgtt cctcagatcc ttcgatggtc attgttgaga ttgatcactt gtggaggttg 259200 atccgagcat taagttccga ggagaggctc gagttatgcc ctccttgcac acacaggtgc 259260 acagacaaga tcattttgtc ttgtcctctt cctcacatgc agactacagt acccggccat 259320 cgctgcagtt cagagaaatg gaggttgcct ccgtgggaca ggaatagagg aaactccttg 259380 aggiccatec cacaagaate tetigegige etteteeett teatgitett eetgiggaet 259440 ggctgggctg gaggcaacgg cactcaggac cactctgaga gttggcagtc tccatcagca 259500 ggggtatctg gttacctgca ggaggccctg tgttccagcc tgcctaccta catagaacta 259560 actgctcaag agtaaggaaa gagatatgtt ccatgtgcag catgtgcctt ggcaagaaca 259620 gttctcttta agagtcattc cacacttctt ttagctaaat atctaaaatc atccaaaaag 259680 ccccacgta ccccatcttg ccaataaata gtaagtcttc attaaggagc tctgtctccc 259740 tggcattctg agaagcagaa gccccaaatt acttccagct gaaatggaaa acaagcagag 259800 caaaacagaa acgcatctgt gtcgggcaga gtaggcctcg ccttaaagat gtctgtccct 259860 taatcagcag agccgttaaa cccataccgt attagcataa cacgcagata tagttgaggg 259920 cattgctgtt gctatggaag attgtcccgg gtcatccgga tgtactcgaa cgcatcacaa 259980 ggaaaagccg gagagggaag cagaaggcga gtcacagaga tgtgatagga aaattcaact 260040 cggtatcgcc cacttggaag gggccctgaa cccagggaca caggcagtct ccagaggcca 260100 gaaaagaaca agcccaggga atctccatag agcctaaaag gaacaccatc agctgatgac 260160 ttagctgact cagcgagtct catgtcaggt ttttgaccca caggactgtc aaataataaa 260220 atcgtattct ttggggctgt ctgtggctga tagttatggc agcaatagaa aatggtattc 260280 cactcacata agatactttt aaaaaaatgt ttgaagttta tctgtgatgc ggagatgttt 260340 qaagtttatc tgtgatgtag agacaacagc aagccttact ggttgattcc agatatctgg 260400 aggtcggaat cacactgcca ggcccatctc agagctttaa gtcccccct cagcgctctg 260460 gcatgtgcac acagatgatg tgagttccag aggaactaaa gcatccccca cgtctctgga 260520 ggacaacgct gtttagccct gggtggccac ctcatcagga ctagccacta atactgtggt 260580 caggcccttg ggcaagcagc acagttaaga tttcgtttcc ttctaaatcc tcctcctcct 260640 ctactgttga aatgtggcta gctgcttcat ctcgcaatta gagtgtcatt cctctaattc 260700 acaccaaaca aaacagttgg aaaatataac cgcatggccc agtcagggga aggaggagat 260760 gggagagatc caacagttag gaacccactg ggctgaagga gagggcccta ggcgcagctc 260820 tececeaget tgeceatggg gtgtgettgg tettteetta teacaggatg etetetgtgt 260880 gctgtatggt ggtggtaagc ccctgctctc aagggttcac agaacgaatg gcttaggact 260940 ctgatgaatt cataggttat ttatgagtgg agagccagat gtctctgagt attcactatt 261000 ctcagagtaa attaatagca ttttccttgc tgtggttata gtacaattgg aaagatcaaa 261060 tgcgcatgtc tttctataat tgttgacgtt tcttcccttc ttgcgcacag gaatcctaga 261120 gtagagatca gccttatgct gagtcaggca ccaagaaata ttgctgagtc atttgtttaa 261180 atagagggga ggaagttett actgtaacaa gaaataaagt ataataatea etatagaaat 261240 tactccaaag ggagcatata tattgttact tatttttact taaggtcact tatttattgg 261300 actttacctt atttcataat cattttttgt tgttgtttct gatttcttta gctacttctc 261360 agageetgtt aettgaacat tteteceace eagtttattg agteagtggg aaaaaaaaa 261420 ataggacttt atataaaaat aaatatgtaa atagaaacaa agcaaaaact agctaatgta 261480 aaaaaaaaaa aaaagcacag ttgttgcatg aaactggaaa gtgcaactat gtcccagtgt 261540 ttgctattca taacttgtac cccaggggcc acagcctgct tcctggccat gaaactgtgt 261600 agtgagtgcc ttggtgatac gtctgtcaga gggaaagtgg ggcatggatc atgacgtcag 261660 cgctgcatca cagatcttgc agagacagtc agggcaaagc acagcaggtc ccatagggat 261720 gtatgacacc acagcctgct aaggaaagag caattcgtaa gtgactttcc tttaatgttg 261780 gctgtggcaa ctgctggtca tgagctgact aggtcaatgg aattttcctg cttaaagaag 261840 tttcctagta cacatttttt tatttccagg ggctgaatat gtcagttccc agcagacagg 261900 tgtagcttgc ctttgtagag acaaacagca gacttccatg tggtcactgt gtgttccaag 261960 tatctgctgc tcagcaagcg agttgctttt ctcctctctg cctctctgga gtgtaatgct 262020 cttcacaaat gtctgctcta gatgcttctg aaaggatgct ttaaaaaatag gcacctcctg 262080 gccttttaaa tttggtatcg aaacagtaag agaaaacatg acacacttca caaacggaaa 262140 taggctgaaa tttgtatgtg gaataaattt tccatgacat gatttgataa aataagtatt 262200 atttataaaa ctcatccctg cccctaccaa aagaataaaa aagtctggtg gctccagaaa 262320 acatggcagc tgccttaaaa gtaaccatgc cacattttgt tatgacccag ggcttcccag 262380 ttctggcccg ctcctcttt gagcgacttt gcaggtggga ttaaaacaga cagaaggacc 262440 tgtggcttcc cctaaaccta ctagcgtacc tcgccataga agagtttgaa atacttgagg 262500 aaggactttg cttctgtgga atgagagagt gttcatgcct aaaatactca acctgttttg 262560 gaaagaagtg catacccagc tgaggatgta gcggccattt ttatattgcc ctcctgatcc 262620 tgtctctttg gaaagtccat ctgaagacaa ctgtgatcgg tcacagacct gatgtatgga 262680

tcagctttgt gcgatgctaa tgagggcacc aaatcacaga agggcgctgt ctggtctggg 262740 tgtggacagg tggcccagca gtgaagggca cttgctgcct tttccagcac ccacttccag 262800 ggcgcccata actgctgata aactgagctg caggggatcc gactccctct ttcagtctct 262860 gtaggcatcg gcacacatac acacaaataa aaataacaaa gataaatctt taaaaatcgc 262920 gacttcacag ctttacgggt tcaagttcga atggaataag agctgctctc ctgcccccag 262980 ctgacattca cggcacagga agaatagcaa taataggcat gcgtactagg accaagaggt 263040 tacacctcta gccacaagga gagaaggcac tgggtgggcc aaagctctgt cccttgaact 263100 ttgtaaggtc acctcctcat ggaaccaaga acgtcccact ggaccccacc tagagaggga 263160 acagggacac tccgattgga tgtggtgctt atctgcaacg gaagaggtgt gggtacctgc 263220 tecaetgeag cegggteaga geaeteatgg etttaeteca ecceeceae ecceecaece 263280 ccagattcct taagatgctg gatcatgaaa caaggaacca aggttatgat gcaagacaca 263340 tgtggtacgt ctactacacg ctaggcactg ttctaggtgc taaaggacct ctatacatgt 263400 gatctaaaca cagggtagaa accaaggcta tggtaaagac caccagagtg ctggcaccga 263460 gatgctgctc cagcaggtca gacacggctt cttagaggaa gtagcattta agctgagact 263520 aaaaagtcac actaaaaaca aataaagaag aattggcaca tttgtcagat acaagtgttt 263580 attgtatggc cgttatgtga taggcactgc tgaggtcctt gatcgactcc gggaaagcag 263640 agaaagatct ttgcatggct attgactgcc taattggtag aaggtgatga tgctcaaaga 263700 gtgtgtgtgt gtgtgtgtgt gctcgtggtg atgatgacac aggaattatg agatagtacg 263760 ttatgtaata tgttcagagg aatgtaaagt gtcatgtaaa gaaagagaaa gtgtatagca 263820 ggagtgtggt ttcagttaga ggggtgtcag ataacctctg agcagacact tggaggagtt 263880 acctgtatgc atcagctgtg aaagggagcc agcacaaagt ccctcagttg gaacatgact 263940 gacatgtgtc taaagaacaa gaatgtgacc cgtgtttaga caagaagcca aaaacatcac 264000 tgaaggtcag atctcctggg tctcataagc cactgggagc attctgtatt ttctctctaa 264060 atacaatgag tatgtgttgg gggaactcct atggggttct gaggcaaggg gtgacatgat 264120 gcagcttgag tattaatagg ctcactgggc tgccctgtgg agagcagctg tcagggactc 264180 gagtcaaaga cggagcgacc caggtgtgag atgagcgagg cgctgagaag aaatggcctc 264240 tccctgtgta ctctccacag cccacgctct gccttcactt ccctcagccc tatgtctttc 264300 acgcagcett tattttteca geattgttet agggacaact caggcaceat actccagtgt 264360 ccatgatacc ctgccttatc aaccacaact gccgtgctct ctatgacagt tgatgggctg 264420 gctgataatg atgggagaga agccaggaag catggcactg tgggaaatac agcctgtgca 264480 atgaacggag caataaacgt ctctggtaaa aatatctatg tctgtgttct tattatagag 264540 gataaattag cagagccaac ccagatttga tgttggttgc ggaaatgtct gaggttctga 264600 ggtctctgaa atcttacctt aggctgctac tctctgcatc tctgataatg acacagcaga 264660 gagctacaca ctgttctcaa atggaataga gtttccccag caaaagtgtt agtcaccaca 264720 aggaaggaag gaaggaagga aggaaagaag gaaagggaaa gagaatgctt ggggcttgga 264840 gagaggactc agggcttagc ccttgtatct attgccaagg actggtgttc aattctcagc 264900 actectttgg tggeteacaa ecaeceatag etecagttee agggaateee atgeeetett 264960 ctgaacgcca caggtaccat gtgtctgtga aattttatat gtatgtatgt atgtatgtat 265020 gcatgcatgc atgtatgtat gtattcatac aggtaaaaag ttcattcaca taaaatgaaa 265080 aattgtttta aaacagaaaa aatcaattcc tggagatcca gagaaccatg agtataaatc 265140 gtgatcacgc ttgcttttct tatttggtgt tgtacaggaa gttattgatt gaaacctgta 265260 gggatactgt ttccccagtg tttagaatgt tagaaacttt aatgtttctc tgaaatattt 265320 gagttggaat caataaaatt gggtctttca acttcaagct tcactatgac ccctttggca 265380 tgaatgtgat attttttatc ttctaaaagt atatagtcct gaccagataa aatttatgta 265440 gtgaagettt ttgetttgtg geegtatggg ataegtgtaa tagetaegge etecattett 265500 ccttcagaga tgccagagca tcattgtaaa ttaaggccca agatccagtg gtgcaaccct 265560 ctgtagcagc ccagactcct aagagccaca tggtgaacac agccagagtc tctgggaggg 265620 tatggggagg gggagtcaga actgtctaag gataaggtgc tgcctcctag ctgggtcccg 265680 gtcatcagca gatcctatgc cagggacaga gaggccacgg gcattgcttg agggccacac 265740 tactgctgcc tttactgtct tgagcttctg atgcgtgtgc tagctagagt gcactatagg 265800 ttgtttattc ctcttccatc taagtcactt tccctagaca gctcagtctt agtggtagaa 265860 tcagggcagg acctgaggac tttcatagtc tgggttatct atcaagaata cagataaagg 265920 agtcgttacg tttccatcgg catggagaca agttgagagg aagggacaag attggcgaat 265980 aaggaacggg gtgcattgag gttgaatgcc cacgtgccta cctgccaatg aagggctgtg 266040 tgtagttcat tttcaccttc actgaaaaga ggaagaaaga tacaaagaca ataccaatcc 266100 aaacatgcca cccattctct actgagtaat aaatcagtgg gcgagcactt gcctagcacg 266160 caaaaggtcc tgggttcaat cttagcccag tatagtggtt tacacccaat actctggaaa 266220 ctgatggaag agtattgcca caagttcaaa gccagcctgg gttgcatagt ggtttcttgg 266280 ctagctaggg ctacataatg agattctatc tgaaatcaaa caacatcaat gattcaaaaa 266340 aaaaaaaatc cttgctgtaa ttatgtgaca gtagtgaggg caaagaccac atcttcttgt 266400 ggcagccaaa gatacacatc ctatcctata acctcctggg ccaacagtgg aatgaaagct 266460 gtccaagccc cttaaagcaa tggctgtcag caaagggctt tgcttctagg ctgtccaaat 266520

tgctatgtaa cgtaagcctt ctaaattacc ctcacccaac ttgccacgat gctgaacatt 266580 gctttcgggt aagcttcgta agccacctct tgaaataggg acgctctgtg cttctttgaa 266640 agctggtgtg actaacatag cagaaacact gcgagaagag aggatgggag cgaaccaatg 266700 tgctttagag atgcagaatt gcgaggggga ccttcaatga acacaatatt gctgacccat 266760 gaatcatgac agggcagatt tactctgcct taggatggca gagagtccat agtatgctcg 266820 aagccatacg aagtgttagg ggtagcctta tacagtaatg ggcctaaatt ggccatcctc 266880 acceaateea atggetgeet ttgtgteetg eccaacteet gaactgtgtt gtgaaggttt 266940 gttaagcaag gaacagctgt gcggggttca gaataaagac agtctgagac catacctcaa 267000 agggataatg tcgaactttg ttgtctccaa ctagaatatt tttctaagtg actacgtgct 267060 atataggttt gaatttttgg ctccattttt ttctttcttt tcttttttat tttattttc 267120 tcagtgctag gagtagaatc caaggccagt agacctgcag tgaactgatg ggccagagct 267180 ggggggttgg gagaagggtg atacctagac ggggactccc ccttctcaga ggagaagggg 267240 agggaggtat agagagggg agttttgcat gagggggttc caggaggata gggggagatg 267300 atattgggat gtaaagtgaa taaataaata gtccaaggcc aagaatagag tccaattctg 267360 ccttctaggc actgagttaa agccccagcc cagtgaacaa gggctcctct gttactgatg 267420 ccagaataaa gatgccagtg gctctcttct ttgacctccc atctgctgac atagttttaa 267480 ggaagcccta gattcataag cctgttccat agacttttat ttagagagac aatcctggtt 267540 cgacttaaga tttctggact ttctgatggt gcaaaatgca atacctgttg agtagagact 267600 gttcatattt tgaactcagc tctttccctg gtccagcgat attgttcaaa tggtctctgg 267660 cagtttctgg cgatggcagc agcaagcgca gctcacagct agccacagtc acaggaggaa 267720 actgactgac cctctgtgag tagcaggttg ctgagctggc acgttccgtg tgttagtgct 267780 attcagtgcc ttctttgctg acagtggctt taagttagga tgtatttatc aggatatagc 267840 tccagtaatg caggcccata tgtaaatcaa taaatgtagc ttatggagtg atgaggcaaa 267900 gtttagttgt tagtaggctg cctttgccta cagctgtagt tatatcgagg tgtggctgcc 267960 totgatocca gatacottoc agacocacgg tgcottgcaa acottactot gggottotag 268020 cccggggaga ggagaagggt gacttaggga aggaagaaaa gtaatgggat tcaaaataaa 268080 agacatttcc ttgctacttt tgttgttaat ccatgcagcc aaggttggag tggtttagag 268140 gggctgggta gtgcagctgg acaacctcca gccttacagc cggtccccca gagggtggag 268200 caccytetta gtttttacag tactytytyg cetyagyeta gttteetgae acettagaec 268260 ctcagatttt ttttttcac ccaagaggca agcataaaat gacacacac gaggactgcc 268320 ataagattca gcaaaggagg aggcatggga gccacctggg gagtttagca gtttcctact 268380 gagetagaca tagettatae tttgtgaece caagtgetee etaecettta eteaaatget 268440

aaaagcatat ggccacacaa acactgacac gagaatgcct atagtagctt tattcacagt 268500 tgcccagact tggaagcagc tgagacactt cagtaactgc gtggaagaaa ccattgtacg 268560 tctatattat ggtagactgt ttattcggca ataacagaaa cgagctggca atccatgaaa 268620 ggacatggag gatattgatg aaagcacatg attggtacaa gaagccagcc tgaaagggct 268680 acctgcggtg acccccaact gatcgactct tgagctgact cttcattgct gtgacgatac 268740 cagaaagcag ggtgaaagtt cagggaagcg ggttccctgg atcccaactt cccatggttg 268800 gttgtcacca ttgctttgag tctaaggcaa ggctgaagca ttgtggtggg cggtgtgagc 268860 gtggggcaga ggttgcttac ttcatggtat ctaggaaggg acagacacat ccttatttcc 268920 tcccgtcagt gcactgagcc atgaagtcag agctcagaga acccaatcac ttcccccgaa 268980 ctccctattt ctgatctctg ctatgtgaag tgaacagtga gatgctcaac atgtgagccc 269040 cctggaggct cacccttaca tgcagacaga actgtggcat tctgggaaaa gcaaaacaat 269100 agaaataatt aaaaggctaa cgtttgccca gtgttcagga agggggatag agggtgccta 269160 ggtgaaaccc tggatatgta gagcagagaa gccattccgt gtgacactgt aatagatcca 269220 gggcactgtt tgtgtccgaa cctacattgc acagcacaga gaacatgcct ttacatgatc 269280 tgcggatctt aataaacaag cctgctttct gaaagattaa ataggctaag catagatagg 269340 acagacctaa ctccctagca cacagtggtg gtgggaccat ctatgagcat agtttctatt 269400 tgtgttacca aaaatggcac cactgcacaa tgagagataa ccacccttta cggccagaga 269460 tgggctcaaa ggggcgtaat gttctctcac tggccaagtt aatgataatc tgtggcccaa 269520 accaaggaaa gcaaactagc ttgtgcagga attttggatt tgtagacact gtgatttgta 269580 gctggtgtga agtctgggtc tggacttggt tagtcaccgt gcacttgcaa aagactgcat 269640 cttgagttga tctttcccag atccagtact gttatgtaaa aaactcactt taatcaagaa 269700 acgggtccaa tacagtatcc ttatttgtct gcttgaagtt tctcctcttt tgttttagag 269760 gtgtgtgtgt gtgtgtgtgt gtgtgcgttt gttattggta tttttatttt ggcatggctt 269880 aaattaattt gggaagaaaa gataggtatt atgaatgtga atgaaatgct aaattatggg 269940 agagttctaa agccttaaaa tggtacacag aaaacctcgc cagcacctaa tggatggaaa 270000 gggttaaata gttacataaa aagcaaccta ttttataact gcaacccttc tgcgccaaag 270060 ttcccttctc cctgaaaagc taagaaactt cccaaagtga ccccatcaac aaaacctcgc 270120 atctgctgca gcactgtgga aggtgtcaag agcctacaat aagtagactt tgaatttaca 270180 gcgcacttac tatatacgta aagtaatgca aatgttacat tctccacctt cttgcttggt 270240 agettetett ageteattte agaaacggga ttataageaa teagaagaca etgggeeaga 270300 cacttcctct ttcttctatg gtatacacac tgtctgtgtg tggatgtgtg catgtgtgta 270360 ggtcagggga caccttagaa gttggctctc tcctaacaac atgggggtcc taggtattga 270420 actcagatcg cctggctggg tggcaggcgc ctttacccac taagaacctc ctttatacat 270480 tagtgcctgt acgttctcac ccatccacat cgtgcatgcc tctgggaatt ctaatgcctg 270540 cttctcttc ttttctttct ctttctttct ttctttcttt ctttctttct ttctttct 270600 ctttctttct ttctttcttt ctttctttct ctctctctct ctctctctct tccttccttc 270660 cttctctct tcccttcctt ccttctct ctcccttccc ttccccttcc cttccccttc 270720 ccettcccct tececettee cettecccet accaecatee accaacgeae geegeageea 270780 aatacaagca aaacgaagga agaaacgaaa cacaaacgag gaacccgaaa acagatgaaa 270840 ctcggaggca acacgccaac aatgtgaacg ccaagaatca caatacgaac tctactaaga 270900 aacaacctaa ctcagcgaac aacgatccaa caatacggca gaagcaatca atccaaggaa 270960 ccacacataa aatggaacgt aacaaagacg gattaatcaa caaaaagaca caaagcgacc 271020 cgaaagggtc tcagaacccg aactactcaa ctatgagaag atgaccaaac ccaccataga 271080 tttattgcag accgacaacc aggcgacaga accacatcgg atgatcagcc ataacaaaac 271140 acggatgage taagtgcata eggaatacea eggaaacaat tegeaaacga eggeetteag 271200 atgacgagga aagcggaaca ccactaccga acctggcgtc tatgagaaat tgacgagcac 271260 tggcatcgat aaaaggatca ggatacgatc tcacctagaa ccgacatcaa ccagcctacc 271320 ttaacggacc aaccaatggc aaaaaggggt ggagcgaaat ctaatacggt cgcgcaacac 271380 gcataagcgc agagtaaacc gcgccacagt ccgcacgtga acgccgacca gagcgcaaaa 271440 gaccagcaac gatcagatca gcgcacaaga gcgactgaca ccgatacgac caacgctaga 271560 caacgtatgc gctcaaacag tacgcgacga aataaccagc accgtgtgac gatgtgagac 271620 tccatagatc cggattatgc accgacctta acgcgcaata gacgatgtcc gaactacttg 271680 actggatcac gactgggtga ctcacccaca catatctcac acgagcacag acagtacgca 271740 catgacacta gacgtgcaca gctcagtata catctaactg tgctgagctc tcgatctaac 271800 tatacgcacc tactcagaca gatcgacgnn nnnnnnnnn nnnnnnnnct tcccccttcc 271860 continued to total continued to the cont ttgctttctt gctttatttt aatgtctgac ctctgtcact attctgagtt gagttttctg 271980 gctcatccac agtgtgatgc atgaagatcc caaatccaag aaaccctcag tggtccaagt 272040 gccagcagag aggctcccat cccaagatgg cattgaactg gggtcctcgg atgttaagga 272100 atcattggcc tgaggaggat gtgtatctga gcagtgtagg gggacaagac gagcttagag 272160 tggcccaggc aaagtagaga aggtgttaag agtctgggac agatgggtgg ccaggccagc 272220 cagaaccttc cttttctcca gatgctgtta tcccaggaga ggagcctact ggaaccagag 272280 gaggttgctc tccaacaaaa cacaaattga ggggtaagga gacagtgaag ggcaagtgag 272340 ggcagcggaa ttggttgtca tagcctggtg gcctgaagag gtttctctgc ggctggctga 272400 gtccatgttg gggctgtgcc aggcatgaag tgcaagccag gcttcagtcc tggctgtaga 272460 catattgttc tecetgteat ttagaeggga tecaatttet etgettgage aaattgttee 272520 tgctaaggat gcagactctg ctaagggcca aggcctccgt ggagttgacc cgacctcgca 272580 gtctgaagcg aacaatattg ggggaagagt gatgactaga ttctctgatg cccctgaaat 272640 acagaggggt caaatgggtc cattgtgact gtaatataac ttgtttggga taatctgagc 272700 atacttccct gtgtcctcag gactcccagg atcctgatcc tacaagacag ggatgtgagg 272760 aggaacatta gcagggagga gtgtgaagaa agatctgcta ggaaggagtg catacagagg 272820 atgggatgag gaccagaagc cacccgctga cagcagtgtt cccgggcatc tggcagagag 272880 cagecteeca geeetgggg aactgaagag aagacaggag cagatacaga ggggageeet 272940 gctacacagt acccccaaat gcagtgggac ccaaaaattg atgtgagagg tggctgactt 273000 ctgaacagcc tcacaaggtc atagggcaca ccaaataagg cgccttccag ttttgatgct 273060 gtgatgtaga gacggcaccg gcaaagagct gcaacaagaa ggaacaatta gccaattcat 273120 tacgttgaca tttctggcca caaggtcagt actttacaaa atagggccct ttcccttaat 273180 tggggttgtg acagataaac gtgtgttccc atctgactca cggtgtccat gtggccaggc 273240 cctattatcc ccacttggcc tgccctgtct gtgtaagagg gcttgttctg tgtaccactc 273300 ttggcatctc tgtaaaggat tcaaacggag tcaacacagg gcctgcttcc tgttcttcag 273360 ccagaagaga agactcattc acatacagac ggagagccgg caaaccttgc tggatcaaga 273420 gtggaggaaa atagagggaa tgggagaggg gtcatttaaa aaccacagtt cacatgagga 273480 aaaccttaac aagaactctg gataccagtt caaatgagga gcagggatat tcagaatgaa 273540 agcaggaggc taaaaggctc cacagacatc acctgagatg ctcggagagg cagcaggagg 273600 cagtgtgtga catttcaaag cacatctaag gggccaggtt gcctgggttc cacttctggc 273660 tggttcactt caggcagtct gaccttggcg agttcctgcc cactgtgctt tagttttttg 273720 cttagcagag tgacgatacc ttggtgcctt cctttagatc ttctatgaga attgagcagt 273780 gatggttagc tgtaaatgcc agcccgggac cctaaaatca cctgggaaga gagtcccaat 273840 gaggaatcat tttgagcagg tcggcccgtg ggaaatgtct atgacgggtt atctcaattg 273900 tgcttattaa tgtaggaaga cccagcctga tagcgagaag cacacttgcc tggcttagac 273960 ctacctaggc tgtgtaagag cagagaaagc tagcagagca ccagacacgc atggcgttct 274020 ctctctccgc gcttggctgt tgatgtgata cgatggatga gtctcttcaa gttctgacca 274080 gtaacttccc tgcagtgatg ggttatcatg gatggagaac aaaagcaaac ccttcctctc 274140 gcgcggttct tttagccggg atatcttacc gcacagcaga attgaaagtc ggataagcaa 274200

gtgaagccga gacagagaga tgtctggcaa ggaaagcaat gcctttcttc ctgtgtatag 274260 ggaggtagat gtgggctatc ccaggcaacc aaagaagagc cgctgctgaa aaaccgatct 274320 cagcacacag cataacgcct tttgtaattg gtttccccga aaagtacttt tgaaaagtaa 274380 cgggccaaga aaacggcgga attagctgga ttatttgtag cccagacccc cgtgggctct 274440 geetttetag eegtgtggtt cacaetttga ettttgeate eeetgggeat eteceaeetg 274500 acacattcaa acatacctct cagtgtcact cctacgtgcc gctcctgcat gcagccttct 274560 ctgggttatt accacatgtg tttgagtaca catgtgtatg gtgcatgtgt gtgtgtgtgt 274620 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgccactct gcgcatatga aagtcaggga 274680 acagcttcag teettetatt gtgggtggga ttgaacacag atcatecaat ttgeecagat 274740 ageaettttt taettgetga geeateeeat tggeeeagee tteteeattt eagtteeage 274800 agtgggaata gcagttaccc agttactcaa actagaagct gggcagcccg agactcctct 274860 tgtcttggcc agcatttaac ccatcagcct atgtccattt cctctcggta tcttcacacc 274920 caatctactt ttctgtatag ctcctgcccc catcttgggt caacagtcaa ttttcccctg 274980 aagtgacttt ctaactgtcc ctctggctct attcttgcct gactcaaggc cagaaagcct 275040 gcaaggagcc acggagtagg aaaccaacat ccatccctaa agaggttete ageccegggt 275100 ccaagtgcaa tgetetgtge aggeateett gggetttget ggtteageeg eatgeaetgg 275160 cateceettt ecagettaet eteceagtta eagacagaat egtgtttgee acetagaaac 275220 tgggccatgc ctcttgttcc agtctgaccc tcatcgctgg tcttctgaag ttttctgtgc 275280 cettgagete caaageagat eccageetea teetgtetge agtteegtge egtgtetttt 275340 ctggctccgt tcattatcaa atcgacatta atcagggcag cagttttgct ttgaaaacat 275400 gctctggagc agatcacaga atgtaagctc ccaaagaaag ctcagagaca tggcttagtg 275460 ccgaggccac agattgaacc cttgggctgc agcgagtctg tacacaacat tttgcttggc 275520 ttacatagca tacttaaatg tgtgtgagtt tgtttgtttt tttttttaat tcattgacat 275580 tatgtaaaac taagagattt tagccaatga tggaagtgca tgcccattat cctggcactt 275640 gggaggtaga ggcaggaaga tgtgatcgta accagctttg gtatatagga aggccaaggc 275700 aaatctgtgg ctttcttctc aaagatgcaa tgtggagata ttggaagtct ctcgaggggc 275880 tacagttage teetegeaag cageaactga eectaagtga gacatgteet tacgggttee 275940 cctcagtcca tgtggatcca catttacact agtttatact ctttactact ccattggaga 276000 tatttgcact tgcagttttt ggagctcgtt caactcttac attttacaga cgtgaaaggt 276060 gageceggaa ggtgteaege ceateceteg gteatgtete etaaeteetg agtetettat 276120 ctctgtattg aacacaatat gcagcttggt ttgatagtct ccccactgca cctgccagct 276180 aacatgccct ccagttgttc ttgtttgtat ttgtagcccc atggaaccta gaccctatgc 276240 tctggaaggt caagatgaca ttctaagaat gcactaccct tactttgtag aagactatcg 276300 cccaagtaca cagggtgaca aaacgggagg attaaatggg acagacaagg taaatctgga 276360 ctccagactc ctcctgtggt actggaggaa ggtaggggag agagcttggt tgttctcatc 276420 ctattgacat gcacttgaat atatagacag ctaggagtca gtgaaagaag ggtgaagttt 276480 tggcatctgt accaatattg ttatcccttt ccccagtaca attactgtgg actgtgccat 276540 tgctaagcaa aaggaaaact tgaaattttc gttaatgaac aatggccctg gccaatcaaa 276600 aggagttgag agacctgtgt cgcagaccct agaatcttat gaaaacttcc tcctgggtcc 276660 tttagtgaag gagactacat tcacccttga ggaagctaac ctcaatgact acgggaccct 276720 cctagctact gagtcatttt gtgtcccatg gaatcatcac tatgcctcta aagtacagat 276780 gcattgatta ttttcctgcc gctgggatga aacacactga tcaaaagcaa ctttagaagg 276840 aacgggttaa ttttggtttg tagtttcaga gggttagagc ccatcatgcc aggttataca 276900 acagaaacag gaagccagaa agtcacaggc gtacacatac acaggaagta gagagtgact 276960 taagtggggt atacceteag ggeeeteece eagtgaceea etteetetgg caaggtteea 277020 cctcctaaat gctctataac ctcccccaaa cagtgtcacc gactggtgac caaccgttaa 277080 cccatgtgcc tatgtgagat atctctctca gtgaagccac catacaagct taccccatgt 277140 catgattgac totagacttt atotgccctg gcaaccataa gottotgtat aagotgcagg 277200 gaggcgggac atctgtgagg aagaaaggca tgataggaca ggttacaaaa gaaaaacaat 277260 gggtggatgg atacatgaca ggcattcgcc ctctggggtc tgttttatta gaccgttctc 277320 ctcttccttg accattggaa acctgaaatg cctggtgatg ctaaatggca cctcctttct 277380 tggtatttaa gggtatccaa gacctcctga gtcatagtct ctctagcgat taagtaaatg 277440 tgactagact atgtatcaac gagagaattg tgggatcagg gagcaaggta ggtgagtggg 277500 caaagcactt cccattgcag ccatgagcac ctgagcgtca cgcctagaac ccagattaaa 277560 gagetggetg tgatggtgtg tgeteatagt cagteettae acagggeggg tgeaggcagg 277620 cagattecta gggettaceg getacecage ettacetaat tggtgaatee caggetaatg 277680 agagaccetg teteaaaace aaggtggaca ggacetgagg aacaatgeat gaagttgtee 277740 tgtggcctgc ataaactcat gcatgtacac acacatgcac ttgtgtgcac acatatacat 277800 ccgcgcactc atgcatgcat gcatacacac acttgcatgc acacacatac aggcacacaa 277860 gcatatggga caaggaagga gaggggagca agaagaagga gagaaatatg ttgttcagga 277920 gcaggcatgg atgtagaatc aaatcctctt tcaaacttgt gagtcattgc tcagaaatga 277980 cagtccgatt tatgatgcag ggatgtcatc tcctgctgac agtcaactaa tgagggtggt 278040 gatttatgct acgaaaggga cttgtatgac taggctcaca ttgttgctat gaatttctgg 278100 gatcctgggg acctttatct gttttccact ttaaaaagga taccaaaaaa gtatgcagtc 278160 agccagtaac tcatgccatc ctctcgcact ccttacccac agacagacaa taataacttt 278220 tttaattgct tctgctaatg catttaattg cttggatcag tggagataca aaccactttt 278280 ttttcttctt cttcttcaaa gaattatctg ccactgaatt atttcagcca aagagtgttg 278340 gctcctatta atccctctgc agctcaggct ttgtttgttt gtttggagtg tgaatccatt 278400 gctgctctgg gctctcccta tccttttaga aatgagggct cttcccttgt aaggctatgg 278460 ctcatgcaga agtggccata atgactgagc caagagtaga ggaagactcc aaggggctca 278520 tggaggtggg gtgggcagta gggagtagtt ggaggtcgga gaagaagagc tttcagaata 278580 gactcactcc aagagctcac gttggaaaaa ggcagcagca ggctcggggc cgttgtcaag 278640 caccgcactg gagcgcccac agtcagagca gcttgagaac gactgtagtc acagcaaaac 278700 tgtggaggac actgtgaccc aagctgacac agtcatgaaa taggtggcat ttcccccact 278760 gagtggaaag ttgcttttca ccgtgttcca aaacactggc tcaattgtgt gcgtgcttgg 278820 ttgtgtttgt gatactcggc atcgctgttt cctggaaacc ctccctggag tccatggcca 278880 tattcactct cgtcccccag ccccagccc ttcctccccc cacgctcacc cccacttcac 278940 ctctgggctg cagtcaggac acgccccttt ctcatgcttc cagcgattga ttgtgcagaa 279000 catgaaacca aaagcagatg ggacaaatgt agatcggctg ttgttctcca tctctgtaat 279060 ttcctaagtc tgatagcgtg ttaatctcct aaccatacaa gctgcttctg tgctccttgg 279120 gacgtctaca cagaaatatt gccaggaaac acactaaaag aatatgacgg gattttccat 279180 tttgtttete cetteteete etetteatee teeteeteet etteetttt acettettea 279240 agtaccatgc tgttggagca ggaaattaaa tgcactactt tgaagtttgt acttttcaga 279300 gtttctgtta actgatctct gtggatctga ccatgcttcc caactcacag tggggttaca 279360 tcttggcaaa gccaatctaa cctgaaaata tcctaggtca caaatgcatt tcaatgtacc 279420 taccctattg agcactgtag ctcagaagca caataagagg gttgggtatc tctggggttg 279480 ggtagtatgg ccggtagcta gctggccagg agctgcagcc tacagccgct gcccagcctc 279540 tcaagagaaa aacatacgac agataccaag aaaaggtcca aaccctaaat ctgaaatata 279600 ctttctactg aatagatctc attctgcttc attatcaggt gagggaacct cagaagccag 279660 gggccatcgg tgtgacatca acaccgaagg atgatggttt ggatgatgta atagctaaat 279720 ccaagatcca gcccctggcg aatggtcttc ctaaaagcag tcactctaga agtagagtat 279780 ttgtttacca aacagaggtt gtgttggctg ggtccacatc ttatgcagac ggggaatgcc 279840 actgaccggt agaggataga agatgctatg gaacgagtgg agcatgctgg gaagagggta 279900 tggagcatta tagtgtctct ttagacccac tcctctttg gtcagtcact ggtcacattg 279960



cctctccaaa cagatattac caggcatgcc ttcacaaggg gcttatccta aatcaatcct 280020 gaaaaaaaa aattcaggtt tctgttgtca tctgtgaaag tgtagctacc cctgcccagt 280080 ctcacaggac ctatagaatc ctgtttctct ggaggaatct atagctgcat gaattaagga 280140 agtatataag gatcatcttg tccctccagg tcacataatg ttctgcccag aggattcagg 280200 ttgatggctc agtgggagtg tccgagaagc ttcacaatta gagaattgca gtcagactag 280260 totgaaatga ottootggto atattotoat tototoacto tototoacto tocotocoto 280320 tececetete ecceetetee etetececet etnnnnnnn nnnnnnnnn nnecetecet 280380 tgactacatt cacctcatca gcatcttagc aggctatctg aaagaaccca gaccttcagc 280500 cagacagaac tggatttaaa tcagtctcag tctcagacac ttactagtta gtgtttggga 280560 catgtcattc agtgtcccct aatactacaa cctccttttt ttgagtcgat gctacccatc 280620 ttgtggtagt gactcggaag gcacaagtat ttccttgtct cctccaatcc ttgttttcaa 280680 atgatacaaa cagagaacac gcttgtgtca gacctctctg gaacccgaag gcactgtact 280740 aggaaatgtt cctaagcctg gagcacagca gttgctttat tagtcataca ggcatgaagg 280800 aaattacttc atcttgcttt ccttccgtta tctacccagt agctaggagg gacatgtggg 280860 gctggctagc ctaggataag aggagacagt gctgggccat aaggacctgt ttcacacagc 280920 tettteteaa eeceateetg ggageagaaa aggeeacagt accagacaga atgaceagtg 280980 ctaggatgcc agggatccca accacagagg aggaggagga agaggaggaa aggaggagga 281040 gaagaagagg aggaggagga agcggtggct tatcagtacc gagttgggca tatcagtact 281100 aagtteeete tgetttetee tgeeegeete etteatggte ttgtttgttt gtttgtttgt 281160 ttgtttccaa ttaataagag cctgggctgt tgggaatgag taagcatgcc aagcagcctt 281220 ggaacctgac aagaagttac agaactctcc tttcatctta tttctgcctg caagatgccc 281280 aggttaaagg cacaaccttc atcagcagga cctgttgtac ttagaggctt gcaggacacc 281340 tgcctcccat gaagcgtttc agctacatac tttgtaccca aggaccacct gtgcctcccg 281400 teettaatte agagtegtet teettaegee aaggatgagg caacagteaa tttggtggaa 281460 agatetetgt aataggaaae gaataaaaet ateaatgeta aataaaatag accaetgtga 281520 aacttgggtt agatcccaca gggaagcgta tgtgtgatta actgcgttat gtaacaagac 281580 cgcctttaat agctggcatg gttctttttg ttgttctaag ggaaaagtgg ccaaggctga 281640 agccagagca catgatatta tttgaaagtg ctgcagcctc tggaaatgct cctccgaggg 281700 gtatccagaa tcagggttct cacttgattt atggttgttc taaaggttta atacctttta 281760 tattttcaca actataccct ttgcttccag aagcctctgg ctatgtttct gctgctttga 281820 atcccatacc ttatttaccc attcaagagg gatattttag aactgtgcaa aaacgaaggt 281880

tctatagtat ttgattttga gcaatcccat ggatgaaagg gttgagactg tacggcaggg 281940 cacacageet ttacccagee aettgegaga aeccageaga ggtggteaet ggacagaata 282000 gttttaatgt gtcagcccct tctatcggcc acagtgctgg ctctgaggct cctcagccct 282060 cacagetete tetgttaggt gtggetggea gggaaggeea agattaagee agggeagatt 282120 cccagcccat caaatcagaa acagaagggc attggaagtt gtgctagcac aatctacaaa 282180 atcagctgga tgggaattac actcagcaat gaagactgtg atggagccag ggtggagcat 282240 catgggagag tctgggaaag aggctccaac acaatacagg gttggggaca aggcggaagc 282300 gataagtgtc tgaacgcttt caaggaaaca aggccagctt ctttgaagag gacttggcac 282360 gaaacacacc atgtaaagtt tgatacgcga tgctggagac ggtgcacata cctataactc 282420 atcacaagag gagccagagt tcagagttgg cctcagctac aaagcagggc cgaggtcagc 282480 tgagactcta tgaggccctg tctcgaaaca cgagagtgga ttggcaggct ttgccacaca 282540 cgtacaccat ctccacagtc aggataatga tagagctacc atcttgaaac ttttctcatg 282600 gccctttata attccttccc atttccctgg gcccgggaaa acatgggttt gctctctgtt 282660 gtcattggtg attttcattt ccggcattca cctaaatgcg ttctgtactt cccctcctcc 282720 cctcctcctt tctggcttct ttcattcagc gtaattattg tgagactcat tcaggttgaa 282780 gtatgtatag tatttcattc atttgactag acagcaatat tccaccgtac cgatatccca 282840 cacgctgttt acccgcttgc acgttgagag aatcgtaaat tatgttgtgg cagttatgga 282900 tggagctgcc gagaagcacc cgcatgcatg tgactgcctg agcaaagatg acttttctct 282960 gtggtaaatg cttagaagtg cagttggagg aacaaaggcc tggcatatat ttaacttgtt 283020 aaagaaaccc gtcaggctgt ctttagagta actttcccat ttgatgatcc cccagcagcg 283080 ggcaagagtt cagccactcc acgaccctgc caacttggta tatagtcctc tttaatttca 283140 actititice cattgiactg tgaacacaac gegeaaceta cacaatatgi cateattaac 283200 tagacacagt gcagtctgac aggtgtgaag gacctattca tcttatatag ctgagattgt 283260 teetgacaaa ggeageeeat tteeegtgee etgeteeagg caageaegat teeagetetg 283320 tggatgtgac agtattggat cctcacagaa gcagtgtttt cccttctgtg cctggcagcc 283380 atattcatct gagttgagtg gtactcaact gtggttttaa tttgcattcc cctaataact 283440 gatgcgcagt gcctttttat gtatctgttc accatgcctg tatcatcttc actgtccaca 283500 tttctggcca ttttatttaa atgggcttgc tttacacctt atactgagga caaacaactc 283560 agatgactta agttggatct gtcctgaaag tgtctgtctt ccatggtttc agaaaacact 283620 atgeaagetg teaaggaagg ggaacaactg ageageeetg tetageteea acaccattea 283680 accactatag tgaccaacat ggcgagtcat gcatagaagg tgcaataatg gcactcacat 283740 gccagtggaa accaacaact ctaattggac ttcaggccca ctcagcaaga gagcgattac 283800 ggctggcatt ggaaacatac ccaaattctc ggagatggta aaggtcctgg acctcagaaa 283860 ggaatctact actgccacct tgcttaccag aatacttatc caccgtactc taaatcttat 283920 cettttacce acagataaga gtagetteea teecteacea gagatgettg tetttacage 283980 aaatggaggc cgtcagagaa acatacagct ggagacaaca taggatatgg agagctcagc 284040 cccagcagat gcatctgtgc ctcagggaac ttcaaggaag gggaggtaga aagactgtaa 284100 gagctggaat gccaggaaat cctctgtgaa gcagtctctc ctagagaaag ctgcacaaac 284160 aagactggac caatggtggt atcattagac atgaaattcg ggagagggag tgtggcagga 284220 ttttccctgt ccaattacat taaaatatta gtgcagcagg aggcctgtga ttggacaggg 284280 aaaagggagg tggagcgaag agttgcaggg acagagagcg actcagagga gggaggagga 284340 gaagtcaaga tggaggcaga tggacaggaa gaagatcctg atcccatgtg gttttaaata 284400 gccacaggta gttatgatat catacaggat tgactaattg ggatagtttg tctaatctag 284460 gtgggcagct tttatcatta tcagttggtt ctgaaattat tgtattggca tcttgtgaat 284520 tgagaatgtc tgacttgtta attataagct tctagagttt tgtttctact gggttgctag 284580 gtgttgtggc ggctgactgt ggggcagatg gtcattgtgt ggggctggct tggcagcgaa 284640 gggaacttgg gtgctctggc cccaccagag agttggtggg cagagagtag ctgaatgaag 284700 cgcgggaaca tggcggttct acttttaata tttccccaca acagggagaa tttcacagga 284760 tcccacccct agacaaagaa ttccagcaac taatgagtcc tgtgagaggg gagaggggag 284820 ttagcttctc ccagggatga gccctcttct tgttatccag tgcccagtgg tcagccctga 284880 tgtaacacat acaaaaacaa aactagtctc agcagaatat atatgtatac atatatgtac 285000 ttataatctg tgcaagcata tatacacaca tgtaacaact ataattaaag aaaaagaggc 285060 aattaatgag catgagatgt gagaagagtt caagggaagg taactgtggc tctctggttc 285120 ttcacctctc ccttgcatgt ttcagaattg gcttttgtca gcttctgtct ctaagatgtg 285180 ttgaggtttt gattagaagc aattgggttt tcacgaagat atgtcagtgg taaggaaaca 285240 catttttatc tcaacaactg gcccttgagg ctggcctaac gtttgaccca caaggaggaa 285300 atgatgtact tctatttcaa ttttaaaaaat taaaaaaaaa aaaaaagctt ggtggtcctg 285360 gcacatgctt ttaatcccag catgtgggag gcagaggcag gtagatctct gaattgaagt 285420 ccatcctggt ctacagagtg agttctagga cagccagggc aacacagaga aaccctgttt 285480 atggggttgt ttttctatta agctctaaga attacatgtt gcatgcaagt cctttgtaag 285600 atgtatatat agaaagagat tataatactt gttcccagtc tgtggcttgc cttatctggt 285660 gattgggata ggtcctggcc ctgtgtgcta gtgagcattc tattgctgag ctgcatctgg 285720 agtttctgct gtgtcttatt tttcaaagca cagaactcta aacatagact aatgtttagt 285780 ttaccagatt ctttcatgta cagtgccttg atattgtttc tgtgcagtct cctcatctta 285840 gttactgttc tgttgctata atagaacact gtgaccaagg cacttggaaa ggaaagcatt 285900 cagttagggg cccgtggttt cagaaggtga atccatgaca gtcatggtgg ggagtatggt 285960 gtcaggctga caggcaggtg ctgggtcagt aactgggagt tactgggttc cagcccacaa 286020 gtgtgagtgg atgaggggag gaaggagagg gagccagaga gtgcaggaga gtgctagtga 286080 gggatggaag agtagtcaga gcttttggac tctcaaagct gattctcaat gacacaccgt 286140 ctccaacaag gtcacacctc cttcccaaat ccttcccaaa cacttccact gattgggacc 286200 aaatgttcag agcctggggg gccattctca cccaaaccac cacactgtct gagctgagtt 286260 tactgaaatg ttttgtctag gctttctctt agtaagttgg agttctcacc tgtgtgtgta 286320 tatttctgca tcatttgttg aaaaccccat tcctttcact gactttagtt tgtacttttg 286440 catggatetg tttctggget teagtttate etgetgatat tgtctatett tttaataeta 286500 tctgcttctt aatttcatag ctttagtata aagacttgaa actaggtaga gaaatttgtc 286560 caactttgtt ctttttcaaa ataatttttg gctctctggt tcttcacctc tcccttgtat 286620 gtctcagaat tggcttttat cagcttctct aagatgtgtt gaggttttga ttgggagcaa 286680 ttgggttttc aggaagatat gtccatggta aggcaacaca tttttatttc aacaactggc 286740 ccttgaggct ggcctaacat ttgaaacatt tcccacagtg ttgctcccaa gttcactgga 286800 aacccatgta tgcagaatga tattatttgt ggccaatgag aataaggtct cattctagac 286860 cttatttcct atatgtcacc cttttcccat gtcatcccag agacaaagta aaaacaattc 286920 aagcctctct cgataggaca agaccatgat gtgtatgtca gcgccccctt gggtgagaat 286980 gggcctttgg agttataatg tatagtacag ctgggtattg aacagagtgc tacataggca 287040 gtggacagct gagcctttga agttataatg tatagtagag ctgggtattg aacagaggtc 287100 ttgtgcgtac tatctagaca ctggacagct gagtccagag catctgtgag ttgttctctc 287160 cctgggtgat gatgcatccc agaagctaag ctttcacatg tatgttcccc ataggctggg 287220 gggagagggc gaccagcatg cagatgatgt cacggagctg acaggcaaag cctgtcatga 287280 atgggatttc atgaaacttc atcccaggtt ctaagcttag ttgaactaca caggccaaac 287340 tgaacgcatg tagccggatt ccatccattg cctcctgaag ggacgcctct ggtggatggg 287400 tccttttata cccctgcaga ggcagctctc tcatcagaca ccctaaagga tttattttga 287460 caatggctta ttgagcacta aacatatgcc aggaagcatt tggggaagga ggcccttcct 287520 ctcctgggcc ctagggctcc tgctccaatg ggtttcaggt ttggcatagg aaagcatctc 287580 aattgtcctt ccttcccttt ctctcccaaa tctgtcccct ggacaaggat ctggctaata 287640

tgctttgaag agtcccaagg ggcttctctg aggaggtgga gtcagttaat aactaatgag 287700 aatacgaacc tacccctgga atatatgcta ggcaaacctc tgcatgcagt tactaggaga 287760 tgaagtcatt ttgtggttac taagccatga ttaaaatgaa gcagggtgac atgtcgggaa 287820 ggtggttcct ttgttatgtg aaacttttct ttcagtctct cacatgtatg cttctcatac 287880 atccgtatct ttcaaaagaa acatagaaat atagaaaaag gtcaagagaa aaatcgcacc 287940 taatgctcat ggctgttaag ggaattagca acactaatca gggttgagcc tgcattattt 288000 ctgaagtcct gcagaatggg cattaggatt gtgacctagg ccgctttctg cagccatcat 288060 aggeeteeta ggacagacaa cageacacag ecacetggee agetgagetg tgteatcage 288120 taatgactgg cgtaagcaaa tgactttatt tctcttgttt cggcttcacg gagatacctg 288180 agttaggete aacagtggtg etcaageete caaagettga gacageeeet aaatgatgte 288240 catectcage ecgatttgcc teacgttetg teggeageet caaacagget tgtacgatgg 288300 gcccctgtga gaatttgctg gatttatgtg tgctgtcatt gcattttacg tgaagcgagg 288360 cctatatcca ctactgagaa aaataactct tataagtcac tttcctcaca aaattgagat 288420 atggagaagc ctagagaagg gcaagcttgt caagaccagc agaacagcac agccaggcag 288480 aactttccag tctgcttggc cctgcctcga ggcatagtct gcactttatc agggagactg 288540 aactaaactg aaaatatatc ggtaggagct gctaacgacc agacactgtg cagggaatga 288660 gctgtgaaca agagggacat ggccctgtta gccttttaac taactgcagc atatgccaca 288720 cacctctgcc caaggtgacg tgtgtcctgg cacttcggct ttgctcgcct tctgtccgtc 288780 cgtataatgg gcaggtgtca tcggtttggc taacatggat gctctgagac tttggccttc 288840 ctggcgcctg attccaaaca caggtgttaa tggagctgag attgctctca agtgtgtttt 288900 tggtttttgt tttgttttta attttgtttt cgtttcaggg ctagagtcct gttgcatttg 288960 cagtcagtta aaacatataa atctgtagac caggctggcc tcgaactcag aaatccacct 289020 geetetgeet eeegagtget gggattaaag gagtgegeea eeatgeeegg etagggetae 289080 atgcagatgg tgcacatgca tgcatacagg tccaaacccc acacataaag tgtgtcttaa 289200 acacaaaaca gacaaacaaa caaacaaaac caccaaactc ttccttttt tggtcttcac 289260 ttgagccatg ttgaaaatat tcagtacgtc catgcttttt tttgttgttg tttgtttgtt 289320 tgtttagaca aaatctcagg atagtctatt acatttatcc caaagcaagg taaacctttc 289380 tattaccatt tcatccatct ttgcagttca cttgattgcc aatcacaata tcagcatccc 289440 ttctagcttt gagagggtaa caggttaaga agcctacctt aagagatggg gtagggaatt 289500 gcctatgacc cagcatccag gaggctgaga cagggagatc ttgaagaatg gcctgtgtta 289560 tgtaaggccc tgtctcagaa agaacaaaag ggtggggcac tgtcttcttc ctctctctcg 289620 ggctttgctg gtacaagaac tgagtgtttt gctcttagga ttgctgttgc atcccagtgg 289680 ggaaggaget ggegatttge etggeettea aaccetgeet actacagtet tactgecaag 289740 tcacgcagcc cagctgagct ccatcagaga aatgggcact gatgcctgaa gttaacactg 289800 ttctcagcat cgctcatggt cctgcccttc ttttaggaat ctgcacacta atagggaaag 289860 catcaatcca ctggagttgc tccataattt atagtgatgt tgtggtttct caaaccacct 289920 ctgtaattgc catttgcccg aaaatcagca gcagagatct tatccagggc tatggggcct 289980 gcttgttttc tttagcctgg atatcatcag tctacatgtt tatatatttt attcagaaga 290040 ttaaagtatg gcttaaagga atatttaaac attttttaa tttagagagt agtcacttat 290100 gtgaaataat gtaatttctc tattttgaaa aagagaaaaa cacagatctg tatgtccaga 290160 tgatgtaact tccacataag gaatccttaa tgtcttctgc aggtctcccg gggggtctca 290220 tgaatggttg aggtgaccca ttgcctgaag gccagccagc agtgggagcg ctagcattaa 290280 aactgtctgt tggtcacagt ctgccctcca gggaaacagc aggtgctttg gagcttagtc 290340 tctcaacaac tgcaccatgt ctttaagttt cagatgtggt tttaaaggac atgggtccat 290400 gaacctaaca tttctgccac tgtgactgtg acgtgttcac attagaggca agctcgccct 290460 gctccccttg ggctgtagcc atttctgtct ttatgagacc ttacccccta agacaataaa 290520 aaagtaagta tatgatagtt aatgaaggtg aacatggaga tgttatttat tcaaatattt 290580 cattcaccta atgtccactt ttccccctct aattatgaag ataaaaaata actttttctt 290640 attetececa aaatattatg ageteteagt getgteeegt eetgeetatg ggtaagacaa 290700 ctctgattag aagtctttat ttttcctttt acaggttttt tttttttta gattttactt 290760 atgaattata atgtccatgt ttttaataaa aacaaacaaa caaacaaaca aaaaacaacc 290820 aatteettae eecagagage agetatgete acceaggaag eagetgeaca tttgatggga 290880 atgagtcagg ttgtcagatc tatagcagtt catttttctg aataagaaat atatatttt 290940 aaaaatgaat gtcatttgcc taccccgttc agtctgcctg cctggcccca agcagctgta 291060 gttcttgcca aatggctaag cacaaacgcc tgactcagca ttttcttgct cgctgcttcc 291120 agcatcatgt agtgattacg actcgtcagt tctcccgact cactgtctcc ccacagcccc 291180 ccatcctccc ccactccttg tctagagcga tataaaggcg tgcacatcta ctccagcacc 291240 cgatgctaag ttgctgcaag accagctgct acttcccatt catccagctt ctcatggctt 291300 ccccgtacaa accctgcatg taaatataga ggaatccaag ctatactgag aagggaaagg 291360 aaaaqaatcc ccacaaagta ttgtcatcat tcagggaaca tctgtccatg catggagatg 291420

acagacagaa ggacagatgg acagaaggat ggacagacag atgggtgggt ggatggatgg 291540 gtgggtggac agacagacag gcaaagtgag atggggtgtt tttaatagaa gagcagtcaa 291600 cagetttatt acagagettt atgggaactg tagttcaact acagecaaca agagatgtag 291660 ttataaacta ggagatggtc tagaaaagcc gatatgtatt gtactatttt gaaagtttga 291720 aaatgattac ttaattttct caaactcacc cactgtctta gttagggtta ctatggctgt 291780 gacgaagcat catgactgag cagtgtgggg agggaaaggg ttgcttggct tcctcttcta 291840 cacgccctgt tcagcattaa ggttgggccc tcctgcatcc cttactaact aagaaaacac 291900 cctgcaggct tgcctacagc tggatcccag ggaggtattt ccttaattga ggtttcctcc 291960 tototagect gtgtcaagtt gacataaaac tageetetee teeetaagat aatgggttgg 292020 ggggtggggg aactgagtgg gaaagaattc tgacctttga ataaacattt tttcattgta 292080 aaaaaatgct atttatttct ctttacaaag ttgggagagg ggtgaagaac tttcctagtg 292140 ggctttgtat tttctagttg tttctgtggt ggagctagtg ttgctggtca gttctctccc 292200 cacacagg tacatacatg aatgttgagg taaggcatcg tttacaatca ctctcttatc 292320 ccaaagcgtc aggggagaga ctgctgtatg caaagcattg ttctgggcac ctgggtgcat 292380 cactgggcaa atggacgaag ctccgtttgc tcaacaggag ttgacagctc cagggacatt 292440 gageggtgee agggaeggga aacegeagea geacacagae agtgggtaag aggttacaag 292500 gtcataggtg gacaagggag atctcagagg aagtaggaac tgcatctgag agctgtgaag 292560 gtggtacagc ttgatgagaa gttctacttg tgaccgagga agtgtcccac agaaagggga 292620 gagctatgat aaagctgtgg tctgagggcg gagctcaagg aaggagaaac agccatgtca 292680 ggtcctggtg aggctgtgga aggtgtggct ccccgagaac atctcaaatg ttttatacag 292740 tttggaaaaa aaaaaaact gtagcaaata ttcatctcac tggttttttt ttccttcaga 292800 aggtttgtgg tctttacaaa acagaaataa tggattaacc aaaatttatt ctgaagagcc 292860 tgcacggctt gcttctattt taacagctgt gtaaggggat gcagtgctaa atgattagtg 292920 gaggatttaa tgagaactca aaaatcacag tctgaagaaa ataataaaat cacttctgaa 292980 agacagtacc acattacagc tagatgaagc cttgggtgcc atctggcttt atcatttaca 293040 aatgatcggt ctgggaaatg tgaagtgact tagcccatgc tacctggtta cctgcttggt 293100 gacaggettg tetttagaga etgaceagae etgetaatee aaggeeeaga geatateeae 293160 actaatttag tgaaaacgca attgttgata acagtctcat tgagtttcct agacttgaca 293220 gtcaaatcca agttcccatc acagtgagta ggatgttatt tgtgtttgca atatggcctt 293280 catctttggg gtatactgga aattggttgc aggaagatca aatagttgat tcctctgcct 293340 tttggggaac actggatgtg ctttgtggtt gcccatcaga atgaaggttt ctagttggct 293400

tgcttttcca ggtgcttttc ttacagcctc tgctgccttc tgagctggag gtaaaaagat 293460 gccagagcac agcatagaca ccaaggctcc ctccccagcg tccactcacc tgaggctccc 293520 tecetageat ceaeteacet gaggeteect ecceageate caeteacetg aggeteecte 293580 cccaccatcc actcacctga ggctccctcc ccaccatcca ctcacctgag gctccctccc 293640 caccatccac tcacctgagg ctccctcccc accatccact cacctgaggc tccctcccca 293700 cccaccatcc actcacctga tccctcctca gcatccactc acctgaaagg aaagtagtca 293760 aaagcaaaaa ataaaccctg acaccaaatc accagcagca tacaaagttt ggagaagtgt 293820 catgtacgga aatgtcttta gaaacccttt ttaggaccta aaacccctta cctactaacc 293880 accaaccccc ttcctccctc ctgtcccagc tgccacactg ttctctgcct ctgtgaccac 293940 gatgatgtca ggtccttcct ctgagtggaa ccgcagggtg cttgccttct gtggagaggc 294000 cacatttacc tagcacagtg tcctcacaac tagcccatgt tgtaacatgt cagaacttta 294060 tttcttttga aagccaaata atattctact cgaaatgttg gataaccaag ttggtaccag 294120 agttctccaa agcaacactc ccaaccacaa aataggagtg aggtctataa acttgaaaat 294180 tatgcaaggg ggaataaaat tgtttatata gcataatggt atgtttatag ttcaaaagta 294240 tcatgttaaa tagtttgaaa taatgtataa ctagttctct aaatataaag acattgttct 294300 aatgagacag taggcagtct tgacctgaaa ctcctcagag actacagcaa ctgtgaacat 294360 ctcttgtaag aagttaccta gagattgttg cagggaaata ttaaaaaagta aacctggttg 294420 gcccatgctc ctgcactcct gccaaactgc cacagggctc cctctgggcc actctctggc 294480 gggcccctcc cccctcagtt cctctcacta ccacatggtc agccatcaca tcacaatatc 294540 cagtaccctg gtagaatcaa gactcttaat gctgaaccgg gtgtggtggc acatgccttt 294600 aatcccagta ctcgggaggc agaggcaggc aaatttctga gtttgaggcc agcctggtct 294660 acaaagtgag ttccaggaca gccagggcta tacagagaaa ccctgtctcg aaaaaccaaa 294720 agaaaaaaaa agactcttaa tgcttaatta gccaatcaga tttatgtatc aataatatca 294780 caatttacaa gatgccaata caataatttt agagccaatt gataatgata aaagctttat 294840 cctagtattg tgaaatcata gctacctgtg gctggaaaac gccatgcggg ttcacgtcca 294900 cagocatott cottotocta ototgagatg otocotgtot otacaactot tagotoagoo 294960 tcccttttcc ctgtacaatc acaggcctcc cactgcccta atgtgattgg acagggaaaa 295020 tcctacaaca tgtgataaaa ctgaccactt gtcacacatc aaaactacag acgcaggaac 295080 acaaaagggt ggggcagggg atgcagacta tcacttgaga atcaggaaga tatgaggcac 295140 cctacaaaag caacagaaat caagcattgt gaggggcagg gggagagggg cacagtgtgt 295200 gttccagagt gtcacagtca gagggtttcc cttcaagtgt ttataatatt tttccttggt 295260 attgtattac atatttaact gcaggttggg agggcagtca ggtcatcttc caatgtaact 295320 aaaagcaggc ggtggaggaa agctcttctg ccactttgaa tgtcattgag atttagccac 295380 cttcctgcac agcgtgtaag gaggggtcca ggtggaacag tggacgactt gatttcataa 295440 aatcgttgct gttgatttat tggacagcag taacatcttc attattcaga ttgcctcatg 295500 gtccttttta agttgcagaa ctgacaaata ctgaaatggt cttcgacact gctctagagt 295560 cttggcagct gacggttctg gagtcggaga caagggctgt gggacccaca gctcttcttg 295620 cagggtcttt tatcttctcg ttgaatcgga aaatgaagca ggggctggtg actgtggagt 295680 acgctaagta aactgtgatg cagctggcca gcaagtgtca tacagatgct gtggcacata 295740 tgaccgcgcc tcacccttag caccgctgcg gtcatcttgg atgcttagag tccctctcaa 295800 acttcccttg gcctctgtct ctggcacact ccagttcctc cacctttgca tatgcggttc 295860 ccttaggagg ggctggacca ccctctttac ccagcattct cttttcagga gctagcttta 295920 gettettege tecatggete acatecagtt agaggteece eteceegeee ecegtagaat 295980 gtcagtgtct gtacagtggc acagttacag ccacacaca actggcactc ttcagaatcc 296040 tgtttagcaa gtgtaaggtc aagctctccc cagcacctac tcctacgctg taggcttggc 296100 tgggatggtg agacageteg aatggettet agtetettet eccateaeat ettgeeteta 296160 tggcttgttt ttttcctcag ggagagggga tgctctggct tcctgcttct gtaccttcta 296220 ttctgggcga tgttttatat tgaggctgcc aggagagaga agctgtcagt ttggcctcga 296280 gcccctcccc acgacccttc aaggggagca gcactcacag cttggagcag cacactgctg 296340 gccccaggc tggtattgag gggagtggtt ttcagccaga gctcttgata agatttctga 296400 caaaaagaga caggagttta aaaaacaaaa acaaaaaaaa ccttgtgaca aaatagtgtg 296460 tccgtgagca tgatacatgt ttgtctgtct atatacacaa ggaggcagaa ttaagcaact 296520 atccatggat ttttcttctt agatcttctg cagtgaacac ttttaagaga tgctaagcgg 296580 atggcctagt tggtcatcaa agggaggaga ggcccttggt cttgtgaaga ttctatgccc 296640 cagtatagag gaatgccagg gccaggaagc aggagtgggt gggttgggga gcaggggtag 296700 ggagtagggg ataggggatt ttcggagagg aaactaggaa aggggatagc atttgaaatg 296760 acgcacggtt cagcccacga aactgagcag tacaaaaaga ccggaaatag tcgcctatct 296880 gccccgcccc attctcaagt cttccctata tgaggtgctt gctttattca atttcctgtt 296940 cttttcctcc tcaggtgact ggatggccgg aatcccctca cacatcctca gcagctcgcc 297000 atcagaccag cagattaacc agctggctca gaggctaggc ccggagtggg agcccgtggt 297060 cctgtctctg ggactgtccc agaccgacat ctaccgctgc aaggccaacc atccccacaa 297120 cgtgcattcg caggtggtgg aggcctttgt ccgctggcgc cagcgttttg ggaagcaggc 297180 caccttccta agcttacaca agggcctcca ggcagtggag gctgatccct ccctgctcca 297240 geacatgetg gagtgacetg accececce gegececece eccaettget gtgggggtgg 297300 tggggcgtgg gttcccaagt cacactggct gaaccggact tttctcagca ggtggctttg 297360 ttctgggctt ttcagtgatc tgtttacgga aagagatcgt ccaccactca ctcaaccatc 297420 gattggcttt aattgcttga agactgcgct gttgtaacta tggtttggaa ctttgtggct 297480 ggcctttaac aggaggccag aaaaaacaca acacccaccc tacccaaccc cccaaaaaat 297540 catgctacag catcgaatgc aggtgtcctg catacaaggc agctacactt gtgttgcctg 297600 gagactggat tgtgcattta gctcttcata atggtgatga taataaaaaa gcaaattgtg 297660 atatagaatg tgcctctttc aatgagagag tattatatca cacacacaca cacacacaca 297720 cacacacata cacacacaca caccactett etgttgeata gaeggagggt gtaaaaatat 297780 gggagtggag caagattgat agcagtcatg tgacgacgga gataaataac tcaggcagga 297840 tgtatagatt aagcatgaga caccgaagct ccctgcagag gccagggaga gaacggaaga 297900 ccttcatctt aacaaattgt atgaggagtc tctgtccatt tgttaaaggc attggatcag 297960 agacaagagg gctcagtgtt tctcttgagg cctgaatggc tgaaggcggt gagttcccga 298020 ggggcgtcat gggttgtcca gcctttcatt aactgcacat agtgttagcc agacaggtgt 298080 acgtgtttgt catcccatct aagagactga agcaggagga tcacctgtac atgactgctt 298140 ctttcaacat tttaaaatgt gtaacttcta ttaaattctc tcagtgcaaa taaagtgcgt 298200 gtccattgtg tcctttcaaa aacctaacaa tagataagat gaggagaagc aagagtctcc 298260 ttgtactccc cgcagtcagt cagctttgct ctgctctgcc gtcagtttct tagttaagcc 298320 cgcccgcaca tcccttctgc agctggagca ggattgccct gtaaggctct ttaacacttg 298380 gcttccttgc cttaacacat agcacttgtt ccaatgccaa aggcctttac aacatccttt 298440 gctcttagag cacacttgca agagctatcg ttttggcagc acctttaaag agattgaagg 298500 cactcagett ctaagtetac caactgettt ecceateaag aagttegetg geattgeagt 298560 tettgettga cacacccata accecacce acceagaace aateegagea aactattgtt 298620 cactgcctgc actgtgcacc ttgcatcctc acaaagctta gcatgtctgc attctgagtt 298680 ttgtcccttg ccccaagatg tcctctccac tgtactacat ctaattaccg ctgtgtttct 298740 tttcttcaag agaatgttag gggagggaca gtcaacacag aagttgcaca cagcccctct 298800 gcttcctgag ggtgtatgcg caattgacag ttgccggagg gagagactgg cagtatagtt 298860 gtcacctgta agtgtccctg tgacttctca ccattgtcct cacaagtagt cctagtaaaa 298920 ctcattcttg taccagtcca gatttgggtg gagtggtttc tttggtctgt catcttcaga 298980 agccctctct gaggcacaca gacatttgct cagatctttc cggaaaagct aatgcggctg 299040 agaggctaat ctcatctctg ttaattgagg acattaaagc cgaccaacaa agacacaagc 299100 cctactctct ggagctcact gccacatgag acagccacag acctctaatc acaacatgat 299160 gtgacaattc cactcctgag tactgagcca gtgggaacag agcaaaagga ccccctctgg 299220 tttgcttttg aggggatggg gggcctgaag aaaaagaagg ctccgtcact caggtaaatc 299280 actccacctt cttgggcagg tttattcacg tatgcacact aactggtcta tgagtgcaga 299340 ggatctgcca gaggtaaaaa agataaattg ttcatacagt gggtttggac aaggaaatgt 299400 aatattettt atcaageeag ggteeeteaa aatgttagge tgaggteeet cateettetg 299520 gggcttgtac agcagctgag agtgtgcagc tcttctgggc atccctaggg actcagggta 299580 aggaaaaatg aactggcagc acacggcaga gcatgtccag aacctgggtg ggactctgat 299640 ctaacactta gctctcatta aatgaatccc tacagttggg gcacaaattc ttgctggtta 299700 caaaacaccc aagttactgg agatccgaag ataaataaga cacagtctct gcccagcagg 299760 atctcggccc tccaggaagg cagccataac agccaggcaa ctctgacact tcacagaaaa 299820 gggagcaatt aagttggcca cagaggagat gacacttcgg ctgagctctt gtaagccctg 299880 cccaagttag cgtgatagcc cccccttag gggatattag gagacaccag aattccattt 299940 aatgtcttct tcatccagct tgacaaatgg cactccttcc aaatgtctac aagatgcata 300000 tgcctccaaa atgctatctc ggagccatta gaaactaaac acattgacaa ataccatcct 300060 gttccatact tctttatagc agtggagtgt tcagccacag taaaatcagg atcaggcttc 300120 aaggatttag gtatcaggca tatttgaggg tgctttttat agcacccctc tctcccccac 300180 cccaacactt gtacaaattc aaaatagatg ttgcagcata cagggaatgt ttttaatata 300240 atgtcttgtt tacttccctg aactataaac atctgagagg aacagggacg tctgtcttgt 300300 tggcacttac tgttcttata ggaaaattaa agtctctcaa agacacagtt cagtgagcca 300360 attaaacctt gtctctgctt tgttaagctc acgagaaaca tatggtagtg attctgatag 300420 ctattgttca ttcaaagcat cagctatgaa atccaggttt gaatgctcag aaagaaaaag 300480 cagattcaac atcttggcaa taagcatgta tttccatctc attttcgtat tttatctcta 300540 gccagtgctg ttttgggtgt cacattacat tcttgatgga gagtattttc ggaaaatgta 300600 aaatgggctg gatgtcatga aataattatt ctttttgctc ttggtgacac ttaaccgtcc 300660 ctgtttctag ggagacaaat tggtgttgtg agcaccttgc cagtgccaat gacttcgagg 300720 tgacttagct cagtgctgac cccggatgag gctggatgcc tcctcatggc taagctggaa 300780 atagatggca atgacctcgc gcctctggaa cacactttga ccaaggatga ggcatctgcg 300840 caggggatgt ctatgaaggc ccagaacatc tgccgtagga agtggttctt ctccattgaa 300900 gggcacagat ttcttccttt acaaatatta gaaaatgata gagactttct tcagaaaaca 300960 cattgagcac ttgcacactc tgatgtgcac agatgcagac atgtacgtat aatgttctac 301020 acagacatgt tgacatataa ttttgaagga attttcagta cttctgaatc caattcattc 301080 ttcccaagaa ctactcatgt gaaccctggt cttcctgcac caaactagtc caccaagaat 301140 aattttttt tattgtttta aataatattg ggaageettg agtteagtag ggtggagetg 301200 tttgtattgg attacacaag ggtataaatc actgtgaagg tgttgagata aagatagaat 301260 cactettagg etgacagtee tetggaceca cetettggea aagaagagtt tacagetgtg 301380 aaatgtatga cagtetetge etecaaggga etteetgeet teacettgte tetttagaac 301440 cagaactcct cagcgaggaa gaaatgagtg ttttatgctt agcactctaa gaatggttgg 301500 tttcttgggg gaaatcagag aaaacagagt cccatttact tcacacactg ggaaattgtt 301560 cctaacaaca tcttttttg caatcatctg cttgaatctc gtttctctta gcttctggga 301620 gcagttattt ttctgctcag aaaactaagc tccatgctgg ctttctggtg agggagtgga 301680 ccctttgatt gtctgttttc tgtcgtcaag acatcatctg tcactcaata ttgtcatctc 301740 ctgcttccca ggggacatct tgtattaatg gctataaata aaccccaaca cgccctttct 301800 gaaagtgtga ataacaaagc gtaccacacc ggtcagtcag gataagatct cgctcaggct 301860 cagggtaaga acattcattg aggaggaatg gagtctttgg agttttggag gaagataagt 301920 aaagacatcc atcactcatg gatttcatgg gagtcgggaa gaaggatgag gttagtttta 301980 gagtacacag agactggcgt teetttgeag ttagteaate eetacaacta aaaaggatga 302040 agcattcctt aggaatccct gctttcccag ggcagaggat gtaggttcaa cattgtcagg 302100 ccccattttt gttcattttg tgatactggc ctttgcttcg ggaagtgtcc aggatacttg 302160 gatttattta tttatttatt tatttattta tttattcaga atacattgta gctgtcttca 302280 gacacaccag aagagggcat cagatcccac taccgatggt tgtgagccac catgtgggtg 302340 ctgggaattg aactcaggac ctctggaaga acagtcagtg cttttaactg ctgagccatc 302400 tctccagccc gaatttagct aatcttaacc catcaccttt cactttataa ttgttactgt 302460 tcttagagag cacagggctt ggataaagtg aacagtggta aaagtaagtt ttgttgttgt 302520 tgttttgctg ttttttgttt gtgggaacag gaccaaggat ggtggttgag aggtgaaaaa 302580 gtcacatgat agatcccagg tctcagactc tggagagcag cattggggtg cagatctgag 302640 tttattgccc aatgcataag cttatatgca gtgtttgagc caatcatatc gtgccatgcc 302700 atcaccgtca ccatgcccca ataaaagtcc catcacctgt taggacttct gagaagatgt 302760 gggaagcagt caccaccctg gccttggttc ctatgactat cttgctggtg ttctagagcc 302820 atcttagatc taatgccctg gacagcagat ctggattctt cgaggagtca caggagctgt 302880 ggtgcctcgc tctccatcct acttttccct tcacaaggtt gacctccacg tcccccacag 302940 ttgtttgttt ttacattttt acaggctgat atgatgtaga tatcatttgt tcctaaggat 303000

tcatttgtta gtagcatggt cggtgtggtg atgtgggaag tgagatcttt aagagtcagg 303060 tctggtggaa gtctttaggt ctttaaaagc tcttcatgaa aaggaattaa gaaccttcta 303120 gtgaaatcct gggtttttca gagggtgggt ggttacagga ttaagagtga cccctgaatg 303180 catctttgta tggagttctg ctttcctgtt tggcaataga tctttcctag tagcaagctc 303240 ccctgccgtt aggctcaact ctgccaggga caaatcaatg gagccatcca atcttggctt 303300 ttccatctcc aaaactgtaa tctaaacaaa cctctttctt tataaagcta gccttcttta 303360 gctattccat tgtattaatt ctaaacaaga gcctgaaaca cacttgaaag aagaaaaatc 303420 agcgttgtaa gatttgtgta tgagacaaat cagactcata tttcaggagc cctgttccgt 303480 atgctaaatc aaatgaaagg aaacaactct tcttaccgtt ctagaaaacc atgggatgat 303600 tttcagcttg ggtcaatcgt gaaagctttt cgtataactt ccacaaatcc attccacata 303660 cattcatccg cttactaagc acctccagtg caccaggcag gaacttgggc cgtgagctta 303720 ggtactcgat gcaacagtgc caagtttctt ccctggagga gctccccatt gccgagaaaa 303780 agaacataac caagaaactg ctagagccag aggaaggaga actattcaat gtatcagaga 303840 gagecteatg agaaggeege aegecagtgg aetgaettae geetgtgate etageaeaet 303900 gagggctgtg gctagcctgt ggtcctagca ccctgggggc tgaggctagc ctgtggtcct 303960 agcaccetgg gggetgagge tageetgtgg tectageace etgggggetg aggetageet 304020 gtggtcctag caccetgggg gctgaggcta gctagecgtt gacteaetta etgggaaaet 304080 catcaagcta tatttttcta caaaacattt agaaaacata gaatagagca gtgtagctcc 304140 cacatggagg tgaaaggagt ggagctgttt agagactatg tgtcccctac acccagaggg 304200 tececcaaae ecagaggate ecectaeace cagaggatte ececcaeace cagagaatee 304260 tacacaccca gacaagggta gatcaaaccc ttgaagatac tcttgagaag acaccaggaa 304320 catttgtatg gagctgactt tctcttcccc tgcgtgcatg tgtgtgtgt tgtgtgtgtg 304380 tgtgtgtgtg tgtgtgtgt tggtggggag gtgctgctgg tggtaaggct tgttttaaaa 304440 ccaggcagag tttggatcac accttttaga ttaaaaatgt gagaggagaa atctcaagac 304500 cttcaggtgc cagtatgcac ttgcgaccca aggtggaaga ggggactact tcccacactt 304560 atctgacatt ggcgtcttgc tatgacacca cctatgaatg tatctttgga aatacttgtt 304620 tcacagacat actgaggtca agaatattca tccttggagt gcaatgggaa aactagtagc 304680 tcacgggttc caaaaatagc caagactctt taaaggtcac ggatagtatc tcaagtgata 304740 tttaaacaag ggtaatttat teteetteee accegeaate catetteace agtgtaacae 304800 ctcacattac agaacacttg cagagagaca tatggttttc tgaatcttcc tttcgtcctt 304860 taatgatgga tacatctgtc atatttttca ctcctatgac tccactatcc ttgcaagttt 304920 tctccttggc ttttttttt tttttttt tttttttt agacagggtt tctctgtata 304980 gccctggctg tcctggaact cactttgtag accaggctgg cctcgaactc agaaattcac 305040 ctgcccctgc ctcccaagtg ctgggattaa aggtgtctcc ttggcttttt gtgagtttaa 305100 cctgagccat agcatgtgct gcatgcactt tggtggccag tgggctctcc ctctagttat 305160 caccagatge caggtggcae ceatacteaa geaggeagga aetaggtttt teeectaaaa 305220 ggaactgtat caggaaacct gtctgctgcc caggcatttt ctgtctgctc ccattcttac 305280 tactgtcttc ctatttgcat tctcatttgc tcacctggag cctcctctac tgagccctga 305340 cataattgac cttgactttc atcttctgtt tgtctttcta gtgcagtgtc tattaaagcc 305400 tccatttcag caattcatcc taactatgaa tagtaccaca cacacagaaa cacacacaca 305460 gatatataca cacagatgta catacacaca gataaacaca catacagata aacacataca 305520 gagagacata catacacaga tgcacacaca gatacacgca cagacacaca cacacacaca 305580 cacacacaca ttctactaca tggcatttag aaacatttag agactcttct tttttgcagt 305640 gagagttgtc accatgcatc gcattggaag aataggggtg gcagaatcta tggatatctg 305700 gcatactaca gataactgta gatgataaag agatgatctg cccaaagcga cagtgacact 305760 ataatgttag ccaccatgtt ggctgccttt tctaaccagt gcaacttgac aacgtaatct 305820 aagagaagaa aagtttatgt tggctcacag tttcaggaga cacagcccat catggaggga 305880 catacatgct ggtggccatc tgtggcagca gagcctggag caacacctct tcagagcatg 305940 gcagatcaag gagcagaaat ggaaccaaaa gtagacccca attctaaccc tcaagagctg 306000 tcctcagtga cttattgtct gcaggagggc catgtacaaa ggttccatga ctttctcacc 306060 agtgccccag gtgaggacca agtgttacaa tacatgaatc tatgaagaac aattcttagc 306120 caatctataa ccactgccgt ggatccagac cagtacactt tgataatatt cagtatctaa 306180 aacactaccc atgctggtgt ccacttgctt cttttctggg aacatcttat gataacatat 306240 cctttaggct ttgacggggc cattagccgt atataagctt tctcttctga accacaaacg 306300 tctcagcaaa caccgtgggg gctcctcagt gtgagcatga tgcaatcaat gggaatgtgt 306360 ttgaagaccc agaaacactc tctgctttat agagaaatgc ctatcccttg gcaaaaacaa 306420 cagccatgac ccaggccaac tatctctttt ctgattccaa ggtcaagcat aaagaaatga 306480 ggcttacttg acatcatgtc aagatcccat ctaacctaat tcagagtcta ccatacatac 306540 agtcataatt atgaaagtct ccacaaaggc atgaaaccat gaatgaacac atgtgaggta 306600 gtcctcccag ttcagttctc aacatagaaa aaaaaaagct ttcccagaat gcagagcaat 306660 gcctaccctc cccgactcca aggactcgtg gattagtaat gtagacaggc actagaactt 306720 atccaattag ctaaattcct gctctgtctc tcctgactca tcctgcagga acaaatcact 306780 tctgtacagt gagcaatgga ggggcagggt gcaggggaaa gaagaatcat catggaactc 306840 ctggtagaca ccaggccttt ggaaatgatt ctaagcaagc atgaatgccc tttcataaca 306900 agaaactgta gcagataaaa agcagcttca ctttatgggc aactaaatgt agtataaggg 306960 ttggcagete tacetttate etgtgeetgt etecettgae ttggggteag atttetaetg 307020 aatttgccac ataggtgtat taatcactaa gggttatgta ctggctggtt ttgtgtgtca 307080 acttgacaca agctggagtt atcacagaga aaggagcctc cctcaaggaa atgcctccat 307140 gaaatacagc tgtaaggcat tttctcaatt agtgatcaag tggggagggc ccattgtggg 307200 tggtgtcatc cctgggctgg tagtcttgga ttccataaga aagcaagctg agcaagccag 307260 gggaagcaag ccagtaagga acatccctcc atggcctctg catcagctcc tgcttcctga 307320 cctgcttgag ttccagtcct gacttccttt ggtgatgaac agcaatgcgg aagtgtaagc 307380 taaataaacc ctttcctccc caacttgctt cttggtcctg atgtttgtgc agggatagaa 307440 accetgactg agacagggta tetgtetaaa acctggegae aggagaetga ttagetttea 307500 atgtcctcac ctaccccacc ctttgtcaaa gcttaaagta caaagacaaa aataactaag 307560 ttatttttct gctattttta caacatcctg tcccagactc cactctcacc tccagagtga 307620 cccaaactct gcagtcctac agtcaccctg aattccagaa acagtggagt ggcataggct 307680 gctcatccca gataaggagg tcctcctaag tgcaagaatt accagtggct gggaactgga 307740 tctgcctcca cacccagttg ggagcaatca ccccttggga actggattgt ccctcaactt 307800 cgtaaggaca tctctgaagc tacattttgg aaccagaact gagataatgg tgagttgtgt 307860 cccagtttga gcaagcctgc ttaaataagc ctcttcttac ctcaaccctg tttttctcta 307920 cttagaggaa aaactactat ctgcacccca aaacgggctg gagtagttgg tctccatctt 307980 tetttgacat ggeettggtg ataaaaatee etecateett teetttgtet ttetttggeg 308040 tgtgtaggcc agaggctgat gtcaggtgtc tttcttgacc actctgtacc ttctattttg 308160 agatatggtc tcccacttga acctggggct cactggttgg ctagtctagc tgggcagctt 308220 gctctgagga tccctcatgc cttccaagca ctggggttgt aggcaagcca tgacaacgga 308280 ctagcatttc cattaaccct ggagatttga actctggtct tcatacttgt atggcaagca 308340 ctgtatccac tagtctacct ccccagccac ctcctatacc ttttcccatc aactctgccg 308400 gcttttcttt gggacaggta gctggatgtg acttgtaatg tttccagcct aggacttcag 308460 ctatagttta atcatctgat gttcttaggg accacagggt gagccttgtt taccttactt 308520 attttgcagg ctggagaaac tgatgcccag gaggagttgc acgagagggg atggaaaaag 308580 taaggggctg agatagagac ttgctctgta acaggtggat cttacatccc actcctggtg 308640 atactgatat acatatatgt atatgtatat gtatatgtat atgtatatgt atatgtatat 308700 gtatatgtat atatatgtgt gtgtatgtgg tttaattttc cctttccctg ctattacagg 308760 gaagacacag ctgcctcact tttgccagcc acacagaaca tgagctcctt gtggcaatct 308820 gtaaggaacc cttctcgctc tcgatctcca ccccagatcc cctcttcggt gcccgtgaag 308880 cccaagtcaa agctattccc aagatgaaat gtcattagcg tcctctactc ttggagacat 308940 actectectg ceetttacet eetgteacea eactetgett tecacacage taatetgatg 309000 tagccaccaa caggattggg acatggcctg tcatgtggat ttgttaactc cagcaaagat 309060 tatctaaggt tgctcttggc tagaaagttt gggttcccaa gtaaaagcca gacaattctc 309120 ttcccagete tgtaaacaac tttccaatgg ggatgeeege teetgatget gtagggeeeg 309180 agtgtttccc aagccaccgg acaggtcaag ctgccctttg caagttgttg catgcagact 309240 ggcctctttg tttcccccct ctttttcctg acattgtaaa ttccaaagaa atgcttatga 309300 tgttaaatgc cagagtcatc tctaccagga acaaggaaca gaaaaaccca gcaggtcatc 309360 aagtetttea ateageaate tteetgeaca gaacceagaa tateagtgat tttttteaga 309420 taacgccaga atgagcatca aagaagtgga ccactgtagg agtcaagatt gctccggcat 309480 ttacctagcc atctgtagct aaagagtgct gtgttaaatt tgatgtgcaa gttcctcact 309540 tacagttgtt agggaggatg gtttgttctg gacaggaagg aatctatcag cttcagcttg 309600 ctggcttgct gctggtaaaa gctcctttct ctcctgtcaa gctgtttctc aagtccccag 309660 cttcctcagg aatcagtaga atgagccttc tcacagtgag agacccggag tttacagctg 309720 taaacttaca gtgagcacat caggcactaa catgcatggg tgggatttcc aggcacaaga 309780 gagacttgga acatagaagg gaatcccatg gccagactgt cagcatggtg ggggaggaaa 309840 gatgaatgga atgttttgca gtctccccac cctttcatcg ttctcagtca ggatggttcc 309900 ttatagcaaa agagaccaac aagagatcag gaacccaatg tttaacagca tgagtgcctg 309960 ggtaatagga aacagagagt aagaaagagt aagttcaggc tgaaatccca tccgttccta 310020 gaacagagag gggggtgagg ggcaaggctc tgcggaatcc tggcaggata ctcaggaaat 310080 gctcagcaaa catgattaac attttctgtg tgcttccgct tcatgccttc cctgttgggc 310140 tgcgtttcta gttgcgtaga gtcagccatt cctcttggcg ctgagaggag acaccttagc 310200 aaaggaagat ttccttttga gatggagatt cctctataaa aaggctttct tccgttctgt 310260 catcagette teetgtacea ataaceagtt caaaatatte ettacaeegt agaggeatgt 310320 tgggcgtgac atataccagc gcccgacagt cacattttgt aggagcaggt tctgaactct 310380 aagcatetea tacceccce tteccecact gattettett tttaactett gaaatggett 310440 tgaaaaatac ttcacctgtt accacagact tccttgctct tggctggctc acttagttat 310500 ttagcaaaca agttttccta gtgtctccag tgcaccacga taggtatact tagacggagg 310560 ctaccatage tggagaacaa acaaacaaac aaaataggee etacceteat agagetttta 310620 atcttcttta aattcataac tatagtaaat gataagaagc aaactacgta ggctagagag 310680 gagagatggc tcagtggtta agagcactgg ttgctcttct agaggacctg ggttcaattc 310740 ccagcaccca cacagcatca gaaactatct gtagctccag gttcaggaga tccaattgtc 310800 atcttctggt ctctagggta ctgcatacac gtgacatata tacatacatg caggtgaaac 310860 acccacacat gtaaaataaa aataaatgaa tetttataag gaagcaaget atgagaacae 310920 attaaggaga gtttctcagt gaggggggtc acaggctgtg ggtctggact ctggatctct 310980 catcttggtc tgacttccat cttgctggct cggttggttg ctttattcat ctgctgctgt 311040 tactggtgtt ttacgataaa attcccagtt ccccaagtcc tcacagactg ggttcagtat 311100 ggcagctgaa gggcagagag gaagttcaat cattgacccc cgagtttatc ccaagtactg 311160 atgtgaattt taggttcaag cagaggaaga attagggcat tgggaaagag aggtgcctaa 311220 tcaagcactt ttggtcaggg tgtgatatgg ttaatcactg tctcaggctt gcttctgcaa 311280 ggtggttgga agaagtcctt attgtataat aagggaccac ttgtttttct cgaagggttt 311340 gtttctgctt gggggtaatc tcatcaccgg ctgatctgtc ttcaaaagtc tgtttctaaa 311400 acccaaggta ggtttgggac agtgtctggg ttttgtgggg cacagagcca gaccatggga 311460 aaggetgatg gtaagacace teggteacte teatetttgt gtetttagtt ttgaageagg 311520 acaaaaatag gttaggtgtc atcaggttca aggggggaca ctccttaagt catcaatgtg 311580 cctatatgcc gagttcctaa ggagtggcca ttatgccttc acagagttca gctgcagtct 311640 agggttgctc gttatcaaaa ttgagaagaa caaaagaagt tacgataatc cacatttctg 311700 tttcatggta aagatttaag agagtaataa tatgtacagt taaaacattt tttaaaatgg 311760 gcaatttcat atactattga ggaatatatc actgtatagc cttcagtgaa gagcaactgg 311820 tggttataga catcccataa ctatggattc cacattaaag aactcaaata accaagaaca 311880 gaaagtattg gagattgttc aggactgatg taatccctac cactatcccc aacacacaat 311940 agtaaaatag ctgtcgacat aacgctcaca ttgcattggt tactaacagt ggtcttgatg 312000 tgacagtata ccagggagca tgtgtgtgca ttatttgcaa atactatcca atccctgtaa 312060 ggagettgtg egtteacata ttetggtace tgeagggaag geactagaae caatteeetg 312120 tgcataacac cagatgactg tatacattaa aattaaaatc ttaaatatgg gtttgattcg 312180 attccacaat gattttttg ggaagactga aaatgaatgg acaaaaccca ttacatcatt 312240 gcttctaggg caaactggaa acagagaaat acatgctatg agaatctatg atactgtaga 312300 tccaaatata actggtttcc tgtagtatag tctttctaaa ggagtgaatt attataaagt 312360 aaatgaattt actteettte aaagaacatt gaaagagtte aattteataa etettatete 312420 tacttaatga tgtatttttg ctttgaagcc ttattgttaa atatttcaag caccaccaac 312480 caggggaaag acacaagttt aattaatatc tattaatgaa aaatgatgta tgagatatac 312540 tgcttattaa aaccatcatt ataaaagaga acatatatca tgaccactta tgtttaaata 312600

tatacaaagg ctcccagtaa ttacacagtc gttcacatca gactaaactt cccattaata 312660 atgagaaagc acatatatgc aaagtgctaa aaacagattc aatatcaggc atgaactgat 312720 gggttatact cgcacctaac tgacttcctc cctacatgtt cacacgtctg caggaaacag 312780 gcttagtcaa ctagggaact tgaaggaagg agtaacagaa ggtttggtcc agcggagagg 312840 gagageceag atgtatgtae agaatettgg eagaateett aagtggaaae atacaaggea 312900 aaattccaaa gatcacagca gaaaacagca gctggagttc agaatgatga gcagagattt 312960 cagcagctgc ttggcactgg gaagataggg tttgaagtta aaatcctatc gactcaggaa 313020 aacgggacaa acatetetag aatecagtet gtaaggcatg ageagegtge etetgeteta 313080 tggagcacat tcccagagtg tgagccgtag cataggactg aggacaaaac tcaacatgac 313140 gagettaaca aggettagga aacagettae gecacagaag gggtateeac aagaagetea 313200 gcttccagtg gtgtaaaacc aaatacctgt cagaggaaga gagcataaat tctgctctct 313260 gcaacgtccc acatacaacc aggatcaggg acgtgcaaag aagtagaaag gtatggatca 313320 gaacaaagag gaaaaactaa cgaatgccag aaaataaagg gatctccaca aagcaagtgt 313380 gggttagacc cagcatatat ggaacttaag atgactatca aacttcacag ggacagatta 313440 atatactgta tgaaggtgtg gaggttgtag agaaaaaaaa tagagaaact cttaagggga 313500 aaaaatggaa actttagaac tgacacacat tctcacaact gagaaaataa gatatctgaa 313560 gttgaaaaaa aagacaccta aataattgga aacatgttgg ctaagactat cagcagtttg 313620 gaagaagcag aagaaaagaa tgaggcattt gcaaagtaat caacaacata acagcagtag 313680 cagcagcagc agcaacagca acaaaaccca tcaagctgaa gagagaaaat atttgaagag 313740 aaatgagcag aacatcaatt atctaaagga aaatgcccat gaacatgcat tatctgaaga 313800 gttaataaga ccaaagatac ttaaagaggg ttgacttaat aacttcctac atttgaatag 313860 taatatgatt ttggttttga gacagggttt ctttgtgtag ccctggctgt cctagaacta 313920 gctctatgga ccaggctggc ctcaaactca cagaaatctg cctgcctctg cctcccgaat 313980 actgggactc aaggcatgtg ccgccaccac caccaggcaa tatgagtttt aaatctaaga 314040 aggaggagga ggagatatct tcctcaagtg ataaaaagat gtatatacag gagtcaaagg 314100 agaaggatgc ccaaaaaatg ttcatcagaa gtaacgaatg gtatagacag gcaaggattg 314160 ggcttgaagg tattgccact catctgtaat ctcagtgtta gagaagtaaa agcaagaaaa 314220 tcaggcactc aaggtcattt ttggctccat accaaggtta agaccagcct gtactccatg 314280 agatacagto toaaacaaaa agacttotoa gtotaacoto coagtaacao agcatootot 314340 cctttaaagg atgcttgcta ggtagccaag gaggacctaa aacctgtgat cctcctgcct 314400 cagcatccca aatactagta ttattatagt cagccactct tcttcccaga taagcattta 314460 aaaaaattta ttccaagtct ctgaaattat actaaagaca tacagtagac aaccagtgga 314520 gaaatatgtg cccaagaaaa acttatatct tggtaaacac tggatgagcc tgtggtgcct 314580 gaaccatgac cctgtcagct ctaccctgga catggaaaat tataaatttg aggggaggta 314640 ttttctctct cctgtactcc caatttgggg ctacaatgtc accetttcag gaacagaatg 314700 ctggcacatt ttgtgtcagt gattcaccaa aggatgatac tctggactca aatagcatgt 314760 aaatgcaaaa agtgttttat tetgeagaag teggeattet ggggteteee attaccagea 314820 tagagagaga cgctcaaatg agtttgcaag cccgatttaa agcacattag ggaatttcgg 314880 ggtaggtgac ctctatgtta atctgtcagg tccatctcta tggacactct attacgggtg 314940 tgtagggggc tggaaaattg atggggtgat ctgggaactg ttgctgagga agtctggaaa 315000 ctgctgctga tccgttgtcc ttgcctcggg ccaggtggct gggcagctgc tgaggcctgg 315060 acttgcccaa ttcttggaaa cagggattta ggtgttctta acttctagtt tgaagcctgt 315120 catggagtca gcctagcctt ctcactccgt gtggtaggag ctgtatttca ggtaggcaga 315180 accaagggct cacttettet atcaageeat accaatgeee tactacagaa aaatetgtet 315240 cagctgccat aggccatggg tactgctgct ttaactactg tgtccactgt ggcctggtca 315300 gagagtagag tttccacact ggctgaggtg gcaggacgtt tcctggggag tccatttcta 315360 ttcatctcag acccagacgg tgtctcagtc tttttgctgt gaagagacac catgaccaag 315420 tcaactctta caaaagaaag catttaatta tggacttgat tacatttttt tcaaaagactt 315480 agtctattat catcatggca gggagtgagg cagcatgcag gtctacatgg tggtggagca 315540 gttgagtgtt cgatgccaca ccccctaatc cttcatcttg tcaagagttg cacttcaatt 315600 caaatatatg agcctataag ggccattctt attcaaccac cacagcaaag atgaaccaaa 315660 gaaataattc tagcccagcc cagcccagtc cagcatagtg aatcaatgag tttgccaggg 315720 ttacttgcaa agcattgaga tgagacatta cttctagggg tgtggtcagc agagccactg 315780 aaaagtcctc tcaagcccag taacaactct ggaaagctgc tttatggcag cgtcctgcac 315840 aacttgtggg tggatatcag cccacaaagg tggtcttttc tccagcaatc atttactgct 315900 tatacaacct caggaagacc ctcatgggaa ttgtaagttt ctttctttct ttctttcctt 315960 cettettee tteecteet etecetete eteteteec etecetete etetecetet 316080 ctcctcctcc ctctttcccc ctcccctct cctcgacccc ctctccctcg ccctgtagcc 316140 cccacaccac gacagaagag acccaataca gagcctggga acggagtgcc cagataaact 316200 acgccaccag aaaggtagca acggcgggaa cgttacgcaa tgaacaacaa aatgcaacat 316260 agagcgacgg aaacaacata accacccacc caaagacaga gaagcatgga atatctcaac 316320 acatcagaaa cgctacccgg ccaaaacaca aactatagtc agctgatcat tcagacgccc 316380 cccaaaaccc tgagacgcaa tagtaccaac agaatagaca ggcccacacc gccccaatac 316440 tgaggagact tacaacgaca gggatataac ccctaaacaa aatccacatc gccaaactct 316500 ctttgacaat aacatatact catacaaacg catggacatg gtccgcaaat caaccgaaaa 316560 taaaatatac agacactcgc aaacatattc tcccaacaac aaatccatgt accatgtgaa 316620 atacatetet acaacacete eccecaaatg etatggatat agegaatgeg aactaettag 316680 tegteetteg taggagetaa ceacacaace gecataceat atgttetgee tegtgaacga 316740 ataatggcag taacaactac gccgtacaaa ccgaaaaaca ggaacctgaa taaacagaaa 316800 cacttacaaa caagcgatct caaataacat cgccacacac cttctgcaga tgaggcgtca 316860 cgaactcaca gcggttagat cgagaatata tataaaacct tccacatccg ctactggagt 316920 acacaaacac gctacgagtc tcccgcttgg ttcacagata cacaccatgc aacaatagat 316980 cagtccatcg ctcatgacgc tccagacaaa atctcctccc tcaacagaac ataactcaac 317040 gagatgccgc atgtacgcat catcgcgtac aagaggcata tctcatccac gctcacgcgt 317100 tacatacgag aagcggctct cgtcaaacta tagacagaag ncacgggaca ccactcaaca 317160 tgcgaacatc gctnnnnnn nnnnnnnnn nnnactgtcg ttttttcct tttctttgtt 317220 tctttgtttg tgttcctcta gtgagtgcgt gttggtctag aggtgtgtcg ggttcggctt 317280 ttctttgttg ggctgttttt gttttgcttt tgtcgttttc ctttttgttc ctcttctctt 317340 gcccgtgttc tgtttttgtt ttgtttttt ttcttctttt gctctatttt ttgtttgtgt 317400 tctgtgttct tggtgtttt tgttgttgct ttcttttatt ttttttctt ttgtcttttt 317460 gtgttttctt gttttttgt attcttgttt tcttttcgtt ttttccttgt ttgttttgct 317520 ttctgtcttt cgtttttttg ttttttgct ttctttttt ttcttgtctg gtggtggtgc 317580 ctttctgttc gctgtgcctc cctgtcacag tgtgcgcatt ctttctccga tgcgctgtgc 317640 gtggcgccgt tgtgccgccg tgccgctcgg tggcgacacg cgtcacccct ctcgtcggtc 317700 cocgtotgcc gtcgcccgtc gtggcgccct ccccctctcc tcgtccccct ctccccgtcc 317760 ccctctccct ctctccctct ccctctccc ctctcctaga gaatattttg atttaaattt 317820 ttatgtgtgt gggtatttcc tctgcatacc tgtgcaccat gtgtatgcag tgccctcaga 317880 ggccagaaga gggcatcaca tcccctggga ccggagtgtc ttggtagtta gccaccacat 317940 aggtaggtgt gggttcttag gaagaccagc aagtgctctt aactgctgag ccatctcacc 318000 agccctaggt catgtgtatt gctccccagg ctcgtaagct actgtcgagt tttatgagtc 318060 gccttttcaa gccgctgtaa gtggatgcat ggatcagttt tcaagctata tcttttttt 318120 tttttttag gcagggtttc tctttgtagc cctggctgtc ttggaattca ttttgtcaac 318180 caggetggcc tegaacteag aaateeacet geetetgeet eeegagtget gggattaaag 318240 gcgtgcgcca ccatgccggc tcggagctct atctttgagg gaagaaaggg gaatgctcag 318300 atccagatca aaccagattt cctgggccca aggcccagcg ttagctcact tctgagaacc 318360 cagacttagg agacaaacaa tgtcaggctg tcctctgcgg gtttttttgt ttgtttgttt 318420 tgttttgttt tttttcattc tcctggttct tagagatctt cttggtcctt ggaatcaata 318480 tctcccagtc tcaggaggct tcagaaatga gtgaaaacag acccaaatgg caatagtgag 318540 agagttggaa tggctgtatc catggggcca aaatagtcag ctcaatagag tataatttta 318600 ttagccttga gggtaactta actgagctta tgaaaaagca gaaggaatca ctttatggtt 318660 cacagggaac taaaccgtga gggcaaattc agacacaaat atggaaacgc ctctgtaaaa 318720 cctagcacat tcgtctttga tttctacata cacttactta tttggccatc taaaatgccc 318780 atggaattta atgtgaattg ctacatttag ctttctactg aaaataaaaa aagaaacttt 318840 taaaacattg aaaataggaa gtatgactag aggctatgca taacattatg cttttttct 318900 ttttaaattg caaagtaagt aggtaccggg tatgatgcta gacactgagg gtttgaagag 318960 aagacagtto atocccagot toaaagagoa aagtattoat ataaggacaa ggaagagaaa 319020 gttctagaaa ggcagccact tgtatctctc tgtattagac ctgtccggat gcaggaactg 319080 actttcccag tcatggtgat ccaatgaaga gatcagccgt gggaggaact ttgggaccat 319140 gcatagetta etttgaagge atcatgteat tteetgtgee aagtteeatt gaccacaca 319200 cttcactttg ttccaaagag catgactact agggataggg atatgtcagg aacccacttg 319260 agaggttggc catcataggt ctctagtgac aggcagaaga agtgagtcga aagagaaagt 319320 actgctttta atgaatagtg catccatcca agtcttaatc atggactaac agaaaaccac 319380 acatctgtga ccccagcaac tcagaggctg tttagaagga ctgtaggttc aaggagagac 319440 aacacaacaa atagatgcag aatttcttac tactagatcc ctaaatctgg atcttaggtc 319500 actgtactct ttagaagaga tacattgtat ctagaagaga tgcattgtat ctagaagaga 319560 gatacgttgt atctagaaga gatatgatgt gtctagaaga gacacattgt gcctagaaga 319620 gatacatagt gtctagaaga gataacttgg ggaaagacaa agtaagggga agttccctcc 319680 ctaggccttt gcctgacaga tatagatgct gaaagaaatg actattctta ccagccaact 319740 acacagaaca aagcactgtt cttaggtagg gcatccctgc ctgctgacta caagactctg 319800 tetetggeea accagateae caacttaate teettgtaat ggegaggagg caagaatgag 319860 ttcaaaactc ttttgtcctg tccagaaacc gttaccatcc ttgctcttcc tacaaggaaa 319920 ctgagctatg gaatagttac tgaagttgag tgtaacctgt ttctaaaaag ccatgaggta 319980 gcatgctagg ctttgctacc aggcatggtg ggcagaacag gctagagatg taattactgc 320040 tgcacttgtg atgagettee agatgtatet tetagaeatt ttttccatge catgggeatt 320100 tgtgttgtaa aggagctttg ggtccacatt caaaaaaaac agaagcccag ggaaatagaa 320160 gcccaagtga catgtgtcac ttgcctgctc tttgcagagg tgagaaagca ctctttccta 320220 aggttaatgg ctggaaatag aatataggtg cttcttcctt ccttccttcc ttccttcctt 320280 ctttctctgt ctctttcttc cttttaatcc cagtttggta ctttgtcctt tgtgatatta 320400 gcaagggctc ccacgcatag gctttcttta aggttgattg gaatattgtt cttcaactgt 320460 gtgagagggg agagagtgtg gtaggaagag ccttgagcat agagcacttc ctcaagctca 320520 atccagcacc atctcaaacg ggctagtgtg attcaggcat acactccttg gctgtgcctt 320580 ctggaaaata ggtatataac aacagctgct gacttctcca catggttcca aaacgaaaaa 320640 ggagatacta gctgtgagtc atatatgtgg gatcaaggtg ttaggcaaga taggaaagca 320700 gtctttggac acataaatct ataagcaagg tcgacaccaa gatggccagg acccttgcct 320760 cttaccttgg tctcaagagt gtattagctc tctgcccttg gatatttcat tccctcctct 320820 teetteatgt gaetttgett eccettatte ecagtgggge ttgageeact etetgteatt 320880 acaaggagga gtgctctttt gagagcagaa agctgacaac cctagtcatc gtactaggag 320940 ttcctggagc tttacctgtt gaatatggac actgaggctg cctggcaact acagctccca 321000 gcggagattt atcacagaaa atgacctcag tccagagagc ttccatgggg actgtcatat 321060 gctatggcat ggcgagcagc aggtttggga aggacgttaa cattatccag tgcttttcag 321120 gctcaaggtg gggagtgagg cacgagcgag gctgctatct ctctgacttt gcagagaagg 321180 ctaaagctct ggaaggtcaa ctgggtcgct taaggccaca caagcttagg catgggtaag 321240 ttaacatttg aatctgcatt ctttgagggt ttctgtcact tcataccaag gggtatcaaa 321300 tatagtcact tctattttgt aaaggagaga aaatacacag ggagccagaa taattacact 321360 gtcttaacca gaggctgaga tcacaaaggc cctgtagttt tgccttcagg caaaagtggg 321420 gtcaagctgt tgatttaaaa tgaaaaaaat gaaattctta catttctctt gagacgaggt 321480 acagaggtgc tttttaaaca acatttcctc ttcaaacatg cccgcaggaa atgcccgtgc 321540 cagccatgca ggcctattaa tggttaaagg gcaagggtca cactgagata cagtggccct 321600 aaaataaagt tatgaaaccg tatcagtctg gcaaggagaa atgaaaggaa acacagaatg 321660 ttctcagata catagaaagg gttttgtttc acaacttctc taaacaaatt ctaaaccttg 321720 tgtacttcta ggaagccggg cagttagcga ctaccctgct gctcgcagcc agtgcgtagc 321780 atcgtcagag catgacctga cttgtgagcc tgctgctcct gagcaaacac gtgctttcct 321840 ggtagtgatt cttaatgttt ctgctggaag gttgatggtg ctctgagcac tttagttggg 321900 aacatagatt ttattgagtg cctagtcagc tgtgaccaag ttacaaaggc tacacataga 321960 gtcacgtacc agctctgata gggaaaagca ggcaagccat ctaagagtta tggcttctct 322020 gttagggtga gaactacaat aaaagtaggc cagggtacct gggagagttc aacaaagggt 322080 atccaagcca gtgttggaag ttcagcaaaa tgttcctggc tcaagtgtta tctaaagcaa 322140 ggccccaaag atggggagct agtggggtat gtcttagggt tttactacta tgcacaccat 322200 gaccaaggca actettataa agaacaacat ttaattgggg ctggcttaca ggcttagaag 322260 ttcagtccat tatcatcaag gtggaacatg gcagcatccg ggcaggcatg gtgtaggagg 322320 agcttagagt totacatott catotggagg otgotagoag aagactgact tocaggcage 322380 taggatgagg gtcttaatgc ccataaccac agtgacacac acactccaac aaggctatac 322440 ttactccaac agggccacac cttctaatag tgccactccc tgggtggagc atatacaaac 322500 catcacaggg tgttttgctt tcctttcctg cagagaagag aatgtatggg aagggccaga 322560 agagaatatg tatgtctggg aagttgaaag ggattctgtg tggctagtgg agatggttga 322620 atactcaggt agagacttgt cttatacact gtgttagaga cttaaggatc atcagagatt 322680 taagaacgag gatacgatgg taacttacat tttagaaaga tcatgattct gggcatgtgt 322740 atcccagaaa ccctgcagat ttggagcatg agatacagga tgggaagaag aacaaaagca 322800 tgaggtggta gctgtggttc atactctaga cggtcatggt ctagtccagg tcatattgcc 322860 agacatgaga aagaagaaag cggtctaaga gctcccttaa gaagtttatc agatcaacaa 322920 gactctgtgt tggattcagt atgagggtta tatagggaag tggtccagga tgcacgcggt 322980 acccaggttt ctgggatgtt gatgagatca gtatcttagt tactgagcac tgcagaagaa 323040 acagatattt ttgagaagtg ttagggagtt gtatattagc tgttctcttg ttactgtaaa 323100 agaaaaaaat tgcaatgaaa ggaacttaag gaaaagttct aaggagtaga gttcataatg 323160 gcagagaagg catgccagct agagcaagat ggtcacactg tgtacacagt aaagaagtaa 323220 gggctggttt ctgttcctta gcttgcttcc tcttttgcaa tcatccagcc cagtgctact 323280 cacagtcaag tgacatcatt cttgcccagc taaacctttc tggaaacact ctccgacaca 323340 taagcacaga ggtatgctta tatggcgatt ccagccaagg tggcattgaa gcttaaccat 323400 cacaaatcca atttggcaaa tgatgctgga aacatgtagg gtgaccagat ggagttcttt 323460 tcataagatt gtattggcca tggacccaaa cttctggcca ttcatgtgtt gtgatataaa 323520 ccatggccca attatactca taggtgctac cagaaataat gtagcagtat ggggagaggt 323580 ctgtttagag atatctagat aggaggtga cagccttctc ctgctgatac aaggagtcag 323640 ccctatggaa agcagaggtc actgggactt cagaccttga tctatttttg cttctcagcc 323700 agaaaactct aagaaaaatc ttaaataaga ttccaactca agaaatcccc aactaagtga 323760 tagettggea ttetattttt etaeettatt atgattatgg aaageaatae attgeagttt 323820 ttaaaaaaac tgaaaatgaa tgtttaatgt gtatcttatc ctggaccagc gatgagaggt 323880 atgatectet getgatgeta tgeagaggea aegaeceaea aetgetagte aggeaaaetg 323940 agggatgece catgetecae actagtggtt etceaeetgt gagtegtgge eeetttggga 324000 agtcaaataa ccctttcaca ggggttacct aagaccattg gaaaatgcag atatttacgt 324060 tagaactccg aacagtagca aaattacagg tatgaagtag caatgaaaat aattttatgt 324120 ttggggatca ccagaacagg aggaactgtg ttaagaggtc acgtcattag gcacctctgc 324180 tctacagtga actgtgttgc taaactgtga cactccatag gccatgctag taggaatatg 324240 gaagacattg gtgctaaggg tattttgaac tgtgcatacc tggctctaga ggtttcagtg 324300 aagaagaatt ttagtatgtg tcctaagagt gttcttgtgg tatcttggtg aagaaagtgg 324360 ctttgttttg cctttgtttg aggggtctac ctgagacaaa ggtaaagaga tttatattaa 324420 ttgcattgac aaaggaagtc tcaaagaagc ccagcagaga ctttgctctt attctatggt 324480 ttagcctcat gaagagcatt ttgatcaagc atagcaagct tcaaaaggaa aagtacaaaa 324540 tggaaaagaa caaaatgtat ggttcaaaga ataaaggggc agcaggaagt agaatggagc 324600 tgaatcctgc attcaaggag ataaacagat taagggagtg tcgacctctt ggcaaggttc 324660 cacacagcta agettattgt ttatgtgttt geagttgaac aagggeactg cetgattatg 324720 gttttcattt ggacttttaa tctggaatga actacaatcc agaaatggag gagacaggct 324780 tttgatctgc accttgaggg aatagtgacc atggaaagct tagggtacag gccttgaatc 324840 ccaggagaca gaggcaagca gatctctgag ttcaagatca gtctctaaag caagttccaa 324900 aatagccaag cttaggtagt aaaggagctg gaaaacagaa agctggtgat aatgtaacag 324960 aacaaggggg tcaggttcca tccccagcaa acaacagacc ttggcagctt tggccatgta 325020 gctctggctt tagagtcaag aatagaaagg actactagaa caattgatgc ttgttggctg 325080 gagctaagaa attagcagtg attaagaaga gaccaacatc attgatctga gaagtaacat 325140 ttggggggac ctaaggaagc tgtgttccag gggatagcca aggtgccttg tgcttcagct 325200 ggagtcggta agagtcaccc aggtgatact ggttttgaag gcataaaggg gtcgtggaga 325260 gcagctgagg catgtcattg tgaaaggcca aggaaggcca ctggtgaaga ggcccaggac 325320 tgaagggatc atgcaaagaa gttgaggctt ggcaccatga aggtagtcta tgagaggcga 325380 tgggtgaagc ttagatgcag tgaaaaaccc catgtattag agatgccagt accatagaat 325440 gactacaaag aacagcagca gtagcgacat ggagccaacc agagcctaga gtgctacaga 325500 gggcagagct aggcaagaga gccaagtcct ttggaggagc ccaaaagatc atgtgtggat 325560 cccagacatt gtaacaagaa gctgtgaagt caaagttgcc ttggagaccc caaggtgtta 325620 gagacgtcaa agccatggga tttctgctga ggaaagcggc taagtgggag tgaaaccagt 325680 gcaggaggaa gaagtttgtt gtagtcaaca aagatgagag gagttggaga tttcaagagc 325740 actttgacat cagatgtgga gatgaagaag ttggagttta cccagctggt ccaggatttc 325800 ttcactgtga tgttttggta tggtaatgta tatcccgtga tgtttgaggt ttgtcatctg 325860 ttttttgatt ttgactttat aggagattac agctaagtga ttgaataaat ctcaaaaaaag 325920 actttgaact ttggactttg aacattgttg agactgctat agactaaggg gacttttgaa 325980 attagactaa atatatttt gctgtattta tgtattgccc ctgatattat catgtctttg 326040 aataagcctc tggaggccag ggagtggaat gtggtcgttt gaatacacta ggctcagggg 326100 tagcactatt agtgaagtgt ggccttgttg aagtaggtgt ggccttgttg gaggaagtgt 326160 gtcactgtgg aggtgggttc tgagtccctc ctcccattta catggggcat agtcttctgt 326220 ttgcctttgg aacaaggtgt agaactctca gctcccccag taccatgcct gcctggacgc 326280 tgccatgctt ccagccatga tgataattga ctgaacctct gaacctgtaa gccagccaca 326340 attaaatgtt tttcataaga ggtaccttgg tcatggtgtt tcttcacagc aatggagact 326400 ccaaaacaaa gcatagaaaa catctcatcg tggtagctgt agtatctcac aatgtgtctc 326520 acagtgtatt cctctgtcca cacagcttca ctcgcaaata ttcactgcaa ggagtcattg 326580 gtctggtttg agcttctgtg acaccatcaa tattggattc tcaccaggac tcccattgtt 326640 gctctgcatc atgaagatcc tgcagctttg gaacagtagg tctggtcctt tcacaaatcc 326700 caaccatttg cagacgatat tgattttggg gtgggccaac ttagagccct ggatctgggc 326760 ctgggtggca gctgagctgg tcagcaagct ggctttccct tatctgcacc accagggcaa 326820 gctctctagc actgctctgg ctaggctaac catcagtagg agacagggtc aactctcctg 326880 gtctcatgcc ttcaggcagc tcaccgtagc ctttgccatc agggccagct ccactgcatt 326940 gcccaggtga ggtgcagggc ccactctcct gaatgctata gctagcaaga ggtcagggct 327000 agetetetea etettatgee ettggageee geteteetgg etactgeaaa ggtteagggt 327060 cagggtcaga gagggcatca cccctgcacc taagtcacgc tcctgcagac aaatgacaga 327120 ggcagctatc ctgtgctctt tacctcaggg ctggcttacc tgtcctcccc ctgaccccca 327180 ccagaggcag ctctactgtg ctgtccagat gaggtgcccc acctgctgtc cagagtgctg 327240 cagetggeae ceaeaceaec aggeaaggga gggeeagete teeettgate ttgeeeteag 327300 ggctggctca cctgaggccc ctctgatcgt caacttgatg ggatttagaa tcatatagga 327360 gacagacgaa cttctgagca tgtctatgag ggcattttct gagaggtgta gttgaggtga 327420 gaacgtgggc aacaccattc cacaggctgc gttcccagtc tgaggaaaca ggagaaagag 327480 aagggaacge caccatteae etetetgett cacatetgtg getaetgtea ceatetgeee 327540 tgtactttgg ctgccatgtc ttccccacca tggtggactg gcccctcaaa atgtaagaca 327600 ggatgaaaag tatttcatca cagagatgag caaaacaagc aaaacagaag caagccgaag 327660 acaggaaaga gaaatcagaa agagaaatga ggatagcaag acaacaacag agcgggcggg 327720 gtggggggag gaacagaaac agaaacattg acagaaacag gagcctggga gctgagccag 327780 cetetetggg tggtggggee eteceteace eetgtgggea caeceaggge cattgaaact 327840 tcctggaact ctttgatagt cagtaattta gtccacacct cccaggatgg aagttagcca 327900 ggttatttat tagtcaagag atttggaaac attatttatg ttttctgagc ttcggatttt 327960

cccctctgaa gatgggagta ataggcacag aattgtgagg agttaaaggc gtaaatgctg 328020 aaagccttga actttgctaa gattgaatgc gttatcagca agtgggaatg attattactg 328080 ctgggtttag ttgccagata caacaaatag agagagaaaa tagataatcc ctctaatcaa 328140 ttactaaaca catttctcac ggtgagactc atattcgagt ttttaaaagat tagtttaaat 328200 gtagattatt ttttttatca gaatctccca attttaaaaa tgtttgtaag tacttaaaat 328260 ctcacacaca cacacacaca cagagtaaat aaatgttaaa aaaaatattg aaacagaaca 328380 acacaaaggc ctctgattgt atcacttccc agctgttcta gaagaatctc tggcacagat 328440 attgtcttta ttttaaaacc cgtattctgt tcatctccgg tctctctggt acttctcttt 328500 tttaaagctc tggattataa taacatcagt tatcctgatt cctgaggttt ggtatcctgt 328560 caagtetgtg ceetegatee eagttetega gttetggeet aaggggttaa ceetgtagea 328620 ggaaaccagt ccaccttcc tgccgcttt cccagetgcc agaggggcag cagtcactcc 328680 ccctagagca ggtgggtgct tgcggaacgc agaccagctt ctatagccaa agggaacagt 328740 atctaccagg ggatactgtt aagaaaccaa tctaccaagg gaggaagaac acattccaaa 328800 gacggtcagg aattatttct agaatattta ttttcttaag ttcttggcac ttccgcctcc 328860 tettetttge taaggaaatg cacaggetge tttecagggg atgtetgtea gtageagece 328920 teccagtica cagacageet tiectetitg tietgeegea aaaggeacag ggaageeatt 328980 caaaggagct ctgcctcaga ggagaagctg gtttccctga agtatctctg ctctggggct 329040 teggagtatg acceaateaa aattaaceaa eteateetaa tataaggeag aagetgatgg 329100 ggcagtctac tittcagtct caaaatctac ggcctttttg gtgtacccat ticactgacc 329160 tgccttgtgg ggactttctg atggcacaag ccaacggctg tgaatgtacc catgctgata 329220 ctttgaatgt tagagatttt gttcaccatg gattttagaa actaagtttt acttaaatga 329280 tttacattaa aatattattt gattcctgaa ttgatttggc accccaggct gtatctcctt 329340 tgtctctttg tctcactcta ccggccctac agcaagaaac tactgagagg ccagcctgtg 329400 caagetggee acagtgetee cagetgeetg cettetetga etettgtget caetgttetg 329460 ttcccccagg tcttccagga agcctgactg atcagaatgg cccagagaga acaggtgagt 329520 acccaagtgg gtacagggac aagacaccct tgcttgcttt tttgccagag gggtcaatga 329580 tgctacagta gactggctct tgccctactg ctttgagtga attagcataa cgaagctctt 329640 ttctgggaag gggactcttc aggacctaac ttccatggat ccccctcat cagcctttag 329700 ggaaacagaa ggaacatttt gatcaaggtt tttcttagaa aagccctccg tggacctgtt 329760 atgggaaatg aagctggttt tgttttcttt gattaatcac agtgccctgt ttccaaaaagc 329820

gtccccagga cccacgcagc cttgttttct tcatcctgta cgctctgcgg agttcaggtt 329940 actccctttt ttcctttgtg atttctgccc agtagaacca gatctttaaa gatttcttta 330000 cagttccttg aaagctggag tggagaagcc agctgtgaat tatataacag caaggtcatt 330060 ttttaaagca acagtggctt cctatatagg caaggggtat ttcccagcca gtttctaagt 330120 ataaagaaaa gcctatgaat tttgtgaaga aaaatcaagg agattctatc tacggtccca 330180 cccctactgt cctctctcac tactttggtc aggaaaagat aattcctaag atgatggtgg 330240 gggggggtgg ttgggggggc gtgtatgggg agggcgggat ggggatgggg agtgtgggtg 330300 caagtggtta tgacaagatg accaaaacaa ctactaaagc aaccaaaagc ctcccaaagc 330360 ctttttgaag aaagacgggg gtgggggtgg ggattttgtt ctctttcttc aggtggacag 330420 agagccatta ttcttgttca aagtcacaat aaaagcagag aagaggggga gaaagctgtc 330480 taaagtatat ctttgttttc acttaagagt cagggagctt tataaatagc cagcctggct 330540 ttttctttca ggggagcccc acgcttcaat ttaagctctg cagaagcctc agctgctttc 330600 ctttctttgt ctgtagacta aacatccctc cgaagtgcag cccctctct ggcatcaccc 330660 aggggccctg ctccttgact ctagatagtg atttttcaat gaagggcaat tttgccttct 330720 tgtctgtctg tctgtctgtg tcctgtctcc aaaagcaaac atggattgtc agaaggagca 330840 tagcttatgc agtgaaggac agtgcttgaa gcacagtccc cagtatcctc tcagccctgt 330900 catcagagac ctgctcttca gcctgcacct tccaggtagt tcaggttagt ctttttttct 330960 ttgtgttttt ctgccagtag gaacatgctg ccagcatgtt agtagaagta gactagggat 331020 gcttacatat gacccccaac acacaaatgg attgttgaaa atgcatgtag tgctgaccct 331080 gagaaacctc ggtccacacc atgccaggaa atcgagtgga aactctcagc tttgaggatt 331140 gctaagaatc aggctgcctt gcagcaggct tggcctctct ccaacggctg ctgtgagaga 331200 gtcaaagctg ctgtaggaaa tgccctctgg ctgtggtcaa gggtcccccg tggagttgac 331260 tatggggaca cacagcaagc acatcgtctg gacctggtgt tttataattt atagtcacag 331320 ggcgcctgtc tccatttagc agcaagccac ctggcaactg tcctgccagg gaggaagcag 331380 ttatgcagag gcctacagcc ccagtcagct gacagcccgt ggtatatgga gatgggagtg 331440 ctcagaggca cctggaaata gacccgacat agatggctga gcacgaggta ccccttcaga 331500 cccatccgtc agcagcaggc cctgccagag gatggcctat tgaacatttc caggaatagc 331560 accaggagee tgteaactge tttettggaa atacacteaa taaggatgge tgteeteeag 331620 ccggcagagc agaaagcctg gcctggacca gaaatggcag ctcctggagg cagccttcct 331680 taggacettg agaatgggge atetgttett ttgggetget tgtggaactt ceateagttg 331740 ctggagtcac tcagggtgga aagggacgtt gagatggcct gcagaggctc caggtccagc 331800

ttccttcaga cagettggtg ceettcacae geataaaaat atcaacagge aggaaggtga 331860 caggitagat gacaagcict tgicagcagt gagaattcac atcgcctggc agtgaacacc 331920 tacacacctt ctcttataaa tttcacccct aaggacaccc aaaggagctc cagaaagggg 331980 gttctttctt taaagccccc atcttccagt cattctgaga atatatcaaa tatatagcaa 332040 aaatgaaaga aaaagcttac aatttaattg actcactcct actatatgca aatcaacctt 332100 ttctttcagg gaggcctgat gtgtctgttg gcatttggct aacctggaac ctcccttgac 332160 ctttggttca ggaagggcac atgtggtgtg gttggactca aagagctcct acagacccag 332220 gcatgggtgt cctgcatgaa caagagaccc caaactctct ggaacattca ggaaatattg 332280 ttcaatccta ttttttttc aatcctatct tttgaattgt gagagaatta taaagtttat 332340 catagagcat tttatcttga agggctacaa gaaaacattt gatgcctaca cagagccacc 332400 atgagetggg gateaeagtg ceagatactg aaattagaet tgttttagat aaacaagaaa 332460 ttgctttttg acgcatgtcc caaatatttg ccatttagtc caaactcaga tgaactgggc 332520 attgtttgtt ttgttaaatc tggccatcca tttggggagg aagagtgggc tacttattaa 332580 gttatgatgg gaaacataaa gaaaaaagt taatagaaaa acatttcagg caatcaagga 332640 caggcagagt gagagaaata gagcactgag gagagagaga tggggaggag agtctctgtg 332760 gaggatatga aggatetggg aaatgatgte tgeacagggt gecateteee tgggatgtge 332820 tcatgggttg gctagcccct gctcctgcat cttctgatgt acttgtctgg caaaactcac 332880 agtggctgcc agagagacat gagtctccaa gctgcaactg caccatttat atccatatta 332940 ccacagattg ggttgttcaa gatactgacc tcctgaaatg gagtcctaca aatcagacca 333000 ggcctgaatg gcaccccga acccaataaa aagtgagttc ccctaccaca cggagactca 333060 taagcagagc ctctctctgt ctgagctggt ctctgtttta cccataagga aagggacttt 333120 gagtggcagt tecettetta gecetgatet gtatttetet aetaaageet geetattett 333180 aaatcactgg agtcgtttct acggtggccc catttaagag ttcccagata tttgtctgag 333240 tcatctgctg ggtggagctt ctcaaaggac atcttgctcc tgtctgcaag cataacagag 333300 tatccttaat aggcttagga gttagtgctt gcccctggga caggtctcaa gtagggctgg 333360 ttattggttg ggcattccct cagtctctcc tccattcccc atgcctgtat tacatgtaaa 333420 caggattcat tttaggttga aaattttgtg ggtgggttga tgtccctatc tctccaaagg 333480 ggttcctgtc tggctacaga aggtggcctt ttccggttcc atatcaccaa tgttgtgagt 333540 cacagetaaa gteaceetae aetgettett gggeatatee eteateeeag gtetetgtet 333600 tgtcctagag atgccctgca cctcctcact ctggtcagtt gcagatttcc attcattttc 333660 atggccatct ctcctgtctt tccccacacc tgatcctgaa tcccccattc ccctccctat 333720

atcoctccct cotagiticae tecetecate ticatettat gaetatitta tacagatace 333780 cacagccaaa cagtggacag agcttgggga ctcttatgga agaataacaa ggattgcaga 333840 ctctgaaggg gataggaatt ccacaggaag accaacctgg accettgggg ctgtcagagt 333900 ctgagccatc aaccaaagaa cataaacagg ctggacctag gtaggcctcc ccacacatat 333960 ataccaggtg tgcagcttgg tcttcatgtg agtccaaaca actggagagg gtgctatccc 334020 aaaatctgtt gcctatacat aggttatgtt ctattagctg ggctgccttt tctggcttca 334080 gtgagagag aagtgeetag eettgeagag aettgaagtg eeagggtaag gggataacce 334140 agggcataac catctgctca gagaagaagg ggaggagga ggagggagga gggaaggatt 334200 aattaaataa aaaaaatcca gataaaagcc agtgtgatct ttaaattcct cttgccaaat 334320 aatactcttt gacagggtga gaccaaatat tttagaccca atccaatagc agaacaaggc 334380 acceptate actedeced coccatted acatggtgtg gteattagta getetteggt 334440 tttcaaagga ttggaatcgg aacagtaaaa tggactccgt tgccacaatc tcgtggaaac 334500 gttcttgttg ttgacgatgg ttcagaatca ctttgctagc tgctttggct tcagggctgt 334560 catcttgagg agcagaagcc ctggcatcca acagcagagg cttcttgagt tgcgagcgcc 334620 cttctctttt acccacagat ggaggtcagg gtggcctaac cccgaggaag gcttggcagc 334680 tttctgaggg tggagatgag aactgggcct tctgacaaaa aaacgcctgt gcaggctggg 334740 cctgccagct gctgtgtcct gggaagaggc tgcttttgct taacccctgc catctgggtg 334800 gcaaatgtcc tcctcccagg tccctgagga ctcaccttta aaggagattg caggaccttc 334860 tecetecete etetettet ecetectee ttteceetee tectecetee etttetetee 334980 ctccctcccc atcccatgct cccccacatg tgtgtgtgt tgtgtgtgtg tgtgtgtgtg 335040 acactttcac taagtataat ttctctcgta ccatccactc ttttcttttg tttagagaca 335160 gaatcttttc tggtctggaa ctggacaaga aggctaagcg agttggctaa caagcctagg 335220 gtagtgcttg tttctgctcc ccagccctgc gattacaact atttgccatc atgtccagct 335280 ctttaaaaag tagattctga catcaaactc tggtctctta tgcttgcaag gcaagcaatt 335340 tgtcatctga gctggctgtt taatccccac cttttcttcc tttgcttctt agccatggga 335400 tgaatagttt gctctgctat ccacacacct ccaaggcaaa ccagaaacca gatccggggc 335460 ctaacagcca tgggtctctc tgataatggg ttgaaactat gagccatacc aaacctcttc 335520 attttatgag tcatttgtta catcgacaga actatgtcat gttagaccag gaagcaggcc 335580 cttcctcaaa tcccagggga gagcagaaga gacactgtgg gaagccacat gtgccattgc 335640 agggtggtgc tggctaccgt tggccatcat gcatacatag gcagtaaagt tttttgccaa 335700 gatgaggttt tgagaattaa ccaatcggat gagagagaag ttaaccaatc agatgagaga 335760 gaagttacca atcagatgta ggcatgcaaa tgaggtggta agcataaccc atgcatagca 335820 ccagttctgg gctggggtct ctttgcttct gcaatcaagc tctcccaata aatgtgtgca 335880 gaaggateet gttgeageat egttettget ggegagteag ggegagtgta agaagacaea 335940 taaaacattt cactatgcaa acaccctact tcagacactg aggactctca gatcagttac 336000 atacaacact attaggaaac agccaacatt tactgagaaa ccccttagcc cgggcacaaa 336060 cagttcccca atcagtcttt aacacttcct acagagggtg gatagtgtca ctatttgcta 336120 gcactattaa gaattatagc aacattagta ttattagaga tactaaccgt cacataattt 336180 cagggacgca gagtaatgat ttaagacatt aagccgttgc ctgttaagtc agttgataag 336240 cgaatgtgac agttgagatt catttccagc cttccttgcc tccagacacc ttctgtgccc 336300 tttgtgtcac agtgcaggtc ccaaagccca gcggcactgc tcaccacgga cagggtcctg 336360 ggagagtgac ttcactcccc tgtgtctttt caccatgtgt agagagtggg taggagcagt 336420 gtctcgatca gagtcgtata ggatcagtga gtttttatta gggagactta tcatcattac 336480 cagtgttatg attttaccta tgtcaaagga gctgactggg catggcagct gtcagcgttg 336540 totggaggat acagaggacg aagagtotto cottotetto atcottocta tocctagtaa 336600 gtcgttattt ggctctgagg tagaccctcc aagacggtca cctctagatc agcagggctg 336660 tatatggagc ccagatcatg ggagaatatg ttcttccttt gtgtccatcg aggttcctcc 336720 cactgaaatg tgtcctacaa taataataac aacaacact acagttgata gcatctccta 336780 aggaaggcat cctgggtcaa gctctgctct ggtgctttcc atattttggc ttatctgatc 336840 ctcgagcaat ctcaagaggt agctaatgca atcatcctta cagacagcta aggaactcag 336900 gcacaggggc gcaaatttac ttgttcaagg gccaaaggtg gctttgctga agttcagaac 336960 acaacagtgt cacaacatgg gtttgtgtag aagttaggtc cagttcttcc tcccaggccc 337020 aagctcccag aactaagact cagattcaaa atatatttac agatatcttg gccatatagc 337080 cagattctat gatgactaag gccataacta aaataaacca attattttaa cctatattct 337140 gcacattgct tattacctgt gctctatccc aaaattctct ctgcctcccg gatctcccac 337200 ctcctatttc ctgcttaagc catgggccat aggcttttta attgacaggt gatgcatcca 337260 tacaacatac aagatattct ctcttcatat ttgtatattc tgccttctag ctggatactc 337320 tgtgttcatt tcacaatctc tgtggtttct gtgtgggtca ttgcctgggc agtattcgta 337380 tatacttcca ctcatgacca aggtgctagt acctcattaa atgtatcaag tactttctgt 337440 gaaagaatta teeaggagae tgaatttete eaagettatt etetatgtet gettattggt 337500 aatgaatact agtctgggtc tgtaggtgag ataaacatgg tgcagtaaca gatacacccc 337560 cagagttaag tgttctacca cagtgaagat ttcatccagt agaaaccaca gggaacttcc 337620 ttccaggtac ccaggggtcc tggatgtttc caccttgtgc ctcatcacca cgtttccatg 337680 gctacagtca aatgagatga gcaaagtgga gaggatgctc ctactaactt ccctggccta 337740 cgttatatac accttcaatt tcctcagtcc actgaccagc agagtggtga gaccccaacc 337800 aaagcaggta agaaaatgag ggaacaaatc atagccccag gttaaaaagc aaatgttaga 337860 aacgttgtta acccagtgaa agaccccctt tctggttaat tatggctatt tatctatttg 337920 atcaaggcat ggttaatcta tcttcattca ggaaatattt tcctaatgtt tctgctccca 337980 cagginatect ecteeeegee eegeeeeeee eccaaceegg ggatattagt gactaaaaca 338040 ggaaaacacc accacttcat ggagtggcat tctgttaaca agtagggaag aagtataatt 338100 accatagaaa gaaacaagga caagatggat tgtgagctga taggtaaaat ggtagaaaat 338160 aaaacagtga aagggaatca gtatgtatgt gagtctgtgt gtgtaactgt atgtttgcat 338220 ctgtgtgagt gaatatgtga atgtgtaaat gtgagtgcaa acggttgtga gtgtgaataa 338280 aaggagtatt actgtgtaaa tgtgtcaagg tgtagtgttt gtgcaagcat gtggaagtgt 338340 gtattactgt ggtatgtgca caagtgtgta agactgtata agtgtgtata agtatgtctg 338400 atatgcatat aaaagtatgt atatataata tttgtataag agtgtgtaag cctgtaaaag 338460 tatgtatgtc tgtgcatgta tgtgtgtgtt actctgtgta ctcatgagtg taaaaatgta 338520 taagtatgcg tgaatgtgtg catgcatgtt tattgtataa gtttgtgtat gtttgtaaga 338580 gtatgtgaat gtgtaacaag tgtatttgta tgtgcgtgta atattcaagt gtatgtgtgt 338640 aagtgtcaat gtgaatgtgt atagaactgc ataagtattt gtgtgtgagt atatgtatgt 338700 aaatgcatgt ttatgtgtgt gttggtacat gtatctaaat gtgtgtgaat gtgtaagcaa 338760 aagcagtttt aaacaggatg gctagagcag gcctttctgg gaaagtatta ttgaataaag 338940 gcccaaagaa tacaagaaca cagcagagct gggaaaaaca ccatctgtga ggagtgtgga 339000 ggtcctgggg cagcatagca tctcccatat tgaggacatt agagagactt cagagcaagg 339060 tagtcagggc cacagttggg aggatgatgg ggccctgtaa gaacctctgc cttcccatcc 339120 tagtctcact cttaggagac tggaaacctg aagttctaga aggatccggg gtctgcagtc 339180 tacatgccta tgtgtcctcc aaagtcacat gtcgacacct atcctagtct gccagtatat 339240 atctgactga gtcctcatca acttgtcttc actaaatatt cattgaatgt ggtaagtcct 339300 ttgggacatg atagctcaaa gagtagagcc attctgagca gaagcagtgc catagaagaa 339360 atcccagaga ggttggtgag acggttcagt ggctgagagt acttactgtt ctcgtagagg 339420 acctgagttc agcatccaca tcagacatct agtaccccag atacccctga cctcctgggg 339480

tatagacaca actcaaaata agaaaaataa atctttaaaa aagggggggg ggagaaacag 339540 agggaggag ggagggaggg agggagggag ggagggaggg tgggttccag agagcacatt 339660 ggcccttcta ccaggtgagg atgaagaggg aacaaccatc tatggctaga aagagagcag 339720 tetecagaca taggttette ettgacettg geettteeag eetteagace tgtgagtgtt 339780 tggtgtttaa cccaccaagg gagggagttc tgttacagag ggagagagac atcaggtgac 339840 actgactcgg ggaccccatt actctgggat acaagctcca tcttttcaat gagattctct 339900 tgtcttagat gctgggtctc aaccccaggg ccttgcacgt gctaagcaag tgccatgcct 339960 ctcaggtcct cctccagttc ctgcttcatc ttaggccttc cgccttccct agaagaacct 340020 gctctaattc ctgtgcatcc tagctacata atttgcaagg ccgaaagcaa aaccacaggc 340080 ttggcatttg agctgtcctt gctcaaaact cagagcagaa atgagcattt actaaactgt 340140 aaagactgtc gttgcaaaat attttactat taaaagttaa taagaataaa atattagatc 340200 actacaaata ttttgaatgg aaaagaaata gtctgaggtc ataattttgt gtaataagca 340260 atacttttac attgttgtgt tgatgtgaga ggtcatatga tgttttttgg gcttgttttc 340320 ttgcttattc attcaaatgg tcgtttgtgc ttttagcaaa tgaattttca agtgatgtta 340380 ttgaaaacaa tgccaattgc ttttggcaaa gggaaaatca cgtactttga gatacattta 340440 actttgataa taaaatccaa cgcagttgtt gctggaacag gtattatgat cacataggtt 340500 gatgatgttg gtgttgattt ttggaaaatt atttgaaata tgacttttag taaatctaga 340560 ggtgatgaca ctgatgaaac tatgttctga aagatttatt tcctcttaca attcaacttc 340620 aaatattttg gtatgaatta gcaggttttc tgatagattc taagacctgt gtgacttgga 340680 gggggggtc tttgtagttt tcatacaact tcgggtgtct ttttatatac tcagtggcca 340740 tatcttcagg cataaggaaa atcaacttgt aggtgatttt agttgataac ttcaagttcc 340800 tttgaaacac tacattgagt tattttcgtt ttgtcaaaca gaactacctt cacatttgaa 340860 ttctatttct aagccggtag aaatatggtt tgtattgtgc cacagttttc aaaaccagag 340920 gttctcaaca gttgaaaata gctgaggtaa tctcacgacg cagctctgac tattcgtaga 340980 cttatgatcc tcctgcctca gctcagcgag tcctggggtt attattacaa cacccctaat 341040 gtccattact ggaatgttct tctgtgcact cttaaagttg tttaataatt tattaaacaa 341100 ctttctacct gagcatcagc tatcactgcc ctagtgttga ctggagaggt agcatttgtc 341160 cagacgccaa agggaaagtc gtgggatgtt ctgacaagct gtgtccacca catgcctcag 341220 gctgctctgg gagaatctcc tcctctccc cacagctgtt gccgctgacc ctgcaactgc 341280 tecteteget getacacate aceteagece catgeetece ettgteaate ttteaggtee 341340 ccagtgctgg ggcttacatg tgggtactaa gtcatgagtc agctatcact cactggccac 341400

tggtatactt acaagctgag cttgcttgtg gatggtagct ttccattgct ataaaaggat 341460 qtctgtggtg gttaatttat caagagagga gatttggagt ttcttcctca tggctggttg 341520 ccaccattac tttggaccag acagcaggta atagtggaac catgtgccag gagtaaatat 341580 attctagcat atgtatccac agaacagcgt ttattacagt caaagtaagt taatgtaacc 341640 aacctctcat tgtatgtgta tgtgacaaga atccattaga ctgctctctt aacagatttc 341700 tagggtagac tecaatatea tecaetaeag tetecaeatt ggeteaeegg geteatteae 341760 ccccaaacag ggctcattca ccccataaca gtgcagtgtc atacagattg gccagtctct 341820 cctcatcctc ctattcccct gttcccctgc ctcactatct ttgttttctc ccttgcctgt 341880 tttgtaataa agttttattg aaacatcatt gttcgcttgt tgcatactgt ctgtctgggg 341940 ctgctgtgtg tcacagcagt agggctgaac agcgcaatga ggaatgtttg gctcacaaca 342000 cttgctgtgt gggactttac ataacaggtt cactgacatc tctactagac tataaacccc 342060 acaaaggcgg ggatcacatc tgtctagtcc acacttgtgt tctcttctcc aggcctagtg 342120 cctacaaggc atgtagagtg tgctcagtca agctttgttg aagaaaaaca aaaaaggaac 342180 attaagtgtg gtaaccacac taatatttt gaagtaattt attttcttaa aagagtcaca 342240 taaaccttct gtttgactac actttaaaat gtctgtataa gaaggatgct atctactgcg 342300 aaactgactc taggaaagtg gcaggagttt gtcttttggc ttcacaagtc ctctggcaca 342360 ttgcccctgc accagtctga agagtgggca ttgaacacat aaaatcacac cactcaatat 342420 ttactgagca gactggggcc aggggtaaga acaaggtaac aatggttcca ccatgactag 342480 cccatcagca caaacaggga tggaaagcca cagggaaaca gactcagggc ctgtaacgtt 342540 tgctagtaca gatccagaac tatctgagaa aaggtatcaa gtgcaaggga atggtcctgg 342600 agggagtgct gtgggtgttc agagcctgga catactcttc gtggctatag agggagaaaa 342660 agacttcagc ccagaccctg tctggactca agtccaagat gaggcttgga aagcttgtgt 342720 tctgtaaaag gggtgttatc agccctgctt tacagaattt ttattatgga gagctgataa 342780 gacctgaaga atggattaag aggctagcaa aggattagga ggaattaaag aataacaatg 342840 gtgtgatcca aggcacaaat acttaacact tgggaaagaa cggatttggg agagattacg 342900 aatcatctgt agaccatggt gttaggaact ctccaatttg gaaaagtgtg atagcgggac 342960 acttgaacag gctgggtggg gctgggcctg gttttcagca caaaaatgca tacgttcaga 343020 aaggtaggca agaaaatcat tccaaccagt aacatagtca ggtcttatgg tgaactggaa 343080 ccctattctg gtcacctgaa tagggaccag acttgggttt ccgtcatatt ggatgcattc 343140 cttgtgggat agctggtgca gtgggaccaa cagcaacacc tgaggcagag tggtaaggcc 343200 accatctcta gatgttgctg agcatccagt aggtttcata gctggtctgg tgaagtcact 343260 gagagatggg gttttcaggg agctaggcat gaaactaaac atgaagactt caggctgagg 343320 aagcettggg aagatettat acattecatg tgagtttatt tgttatatga gateaacaat 343380 ctgcaaggat ttttaaggca aagaagccag agattattta tgaccaattt tctcaacaag 343440 ctctggaaag ccaattcaca gaatcactga tgttattttt ttattgctgt cttttatggg 343500 gactttactc atttcttaga ggaacaactg tagaggaaca attggcatga aagagggttg 343560 cttgtggtga ggttggtgtt tcttgcctgc cttgagagtt ctattgctga ggaaaacaaa 343620 caacatccca accetecatg acgegactet ttecagaace ttecatggae ateacatgtt 343680 gtagatttgc aggggcctgg agcttgcaac acatattcca gggatgagtt gatacagctc 343740 agttgtggaa tcctctttgt gtaagagaga gagagggaga gagggagaga gggagagaga 343800 gagagggaga gagggagaga gggagagaga gagagggaga gggagagggagaggg 343860 gagagggaaa gagagagag gagagagaga gagagagaga gagagagaga 343920 gagagatett gttgtgettt ttgttttett gggttttttg ttgttgttgt tgtttttaa 343980 gctgatactt agaaacatct tctgatggag cagaaggcta agggactcac tgatactgct 344040 cttcaagtct ctgctgagga caaacaggac atctctctgc tgctctaccc aagagagaac 344100 gtttatatat ttctttattt aaccattaaa gaagtgcctc aacactcaat gagtctcttt 344160 cttatatgta tttaaattaa aagtaatgaa gttgacttta gtaaatgaga gaggtatccc 344220 atatcctgtt ctctgacagt tttcacatat gacataaagt gcattttaaa aaatgattta 344280 gttttacttt atatgcaatg gtgctttgcc tacgtgtatg tctgtgtgag tgagtgcatc 344340 agatcctctg aatctggagc tacagacagt tgtgagctgc catgtgggtg ctgagaattg 344400 aacccaggtc ctctgggaga gcagtcaatg ctctcaacta cttactcatc tctctagcct 344460 ctgtaatggt cttctgacaa ccctgggctc ccatgcagac ccactggatt ggaatgctga 344520 ctccagctcc tggcatctgt gtgatctggc aagcttccta tattttatag gcttccattt 344580 tctcatctga gagatgaaga taataatagt atctatttaa agattaaatg agaacatctc 344640 cggagtggct agctcagtgc ctggcatcca ctgcgccagc tgtaactgtt aggattattt 344700 attactgaaa tcagggagct ggaggtttga gagatggcac agcagctagg agcacatgct 344760 gctctcaaag acctgcattt gactcctagc acccacgtgg tggctcacga ccatctgtaa 344820 ctccaatttt aggtgatcta atggcctctt ctgacctcct tgggcactgc atgcatgttg 344880 catgcttaca ttcatatagg caaaacactc aaacacataa agttaaaaca atctaaaatg 344940 agggagtttg gggatgctat ttgggtggga gatcctagtg ttgtggcgaa gcccctcctt 345000 tgcactgtga agaagtttct ggagacagtt gggatgttta ctcagcaatg tgaatagact 345060 taacttgact caaaggtggt ttaaaatgct aagctgtatg tcctgcatat attataagat 345120 gagttaatag attaaaattg aagttatttt taaaggaaaa agaaatctct aagagatttc 345180 tattctccat gaagttcagc cttgctaaga cttttgtgaa ttgctttggg gtgtcatcat 345240

ttagactgta aatgaaggtc cttcaaggtc cacgtgtaaa cagttgggtt gtcagtctgt 345300 ggtaccagtg ggagggggca gacaggtttg gaagagaggc cgggtggaag gaaggaggta 345360 agccactggg tagggagtgt gtcctttaag gggattttga gaccctgcct ttcccttcct 345420 ctcattcctt acccaccctg gagtgagtac ctcctccagc ctgtggtcgt gtaatgatgc 345480 gctcctgcac agtgatagga tgaggcaagc cccccgaatg ctctgaaacg aagatccaaa 345540 ctaaaccttt cttccttgta aattgtttga ctcgggcatt ttcttatgac agtagaaagc 345600 tgactagctg ctgggtgaag ccgctcagat gactgttatg ctaatgtcct gtttacaggt 345660 gtagtagaat attattaata gtgtcaggaa taggctatct ctcgtaacat aggactcaaa 345720 ttccactagt cattggttgg tcgtttcttc attttccgtt ccctctttac ccctgtactt 345780 ttgttttgtt ggtttgtttg tttatttttg ttgttgttt tttgttttgt ttttgttttt 345840 gtttttgttt ttttttttt gagacagggt ttctctgtat agcattggct gtcctggaac 345900 tcactctgta gaccaggctg gcctcgaact cagaaatctg tcttccatgt actaggaagt 345960 gctgggtgtg ttaccactgc ccaccatacc cggcgataac attcaggcag gaaaaattgt 346020 tactagaagg tttgggaggg gtagaaagaa ttagaaattt caaccataaa gtttcgacaa 346080 gagatcatgt tatcagattc acagtaacta tctatctctt ataagttgac cctaattaga 346140 tattgtgatc tectetegte etatgggtat gaettgtetg tgtaataace tecatteetg 346200 attituatac atacatecte eccatacity atecetatia ecctaciata eccetitice 346260 catgacagat tectacattt geteatgeea gatgtatgaa atattacata ttttcagaga 346320 aatccaaaca tcattccttg gacattcact gatacttacc ctctttgaat ctgtcgattg 346380 tacgatggct atcctgtacc ttaagactca tgtccactta tacagtaggt acatattaca 346440 cttgtgttta cgcagatgca ttctctgact cacaatgata ctatcaaaca cacatccaac 346500 tgcctgcaag ttacatgatg tcatagactt taaaactgag caatatgagc attgcgcaaa 346560 cgtaccatat tgtgattatc catcctacag tgtagggata tctaggatac tacacaggaa 346620 ctgcctatga taaaatagat gttgctgcgg aacataaccg gagccagtag tcctggtcgg 346680 tcaggatgga tccattgtct cgggtatacg acctgaaaga gtggcatacg ctgagctatt 346740 gaaaagtaaa aactagatgc atgttttcct gagtaacccc gcccaacatt ggatttttca 346800 atgnnnnnn nnnnnnnnn nnngtttaag tgtcaggaat agcctatctc tcgttacata 346860 ggactcaatt ccactagtct ttggcttgtc gtttcgtcat tgtgtccgtt ccctctgtta 346920 caccigtact titigittit gitggittic titigittat titigitigi tgitticitt 346980 ctgtataagc atttgctgtc cttggaactc acttctggta gatcagcctg tccctcgtac 347100 ctcagaaaat ctgtcctttc catgtattag gatttaaagg tatgtgttta cccacctgcc 347160 ccaggettta ecteetggta ttttettgta ageegggtaa attgtttagt tgtaggtttt 347220 tttggctggg ttgggtaacc ccccatcccg cccattcaag gaagtctttc cctgggctac 347280 cccatggttc aaatatcccc ctatgcttaa gaatctttag cttagttttc acccctctat 347340 agaatteett gtggagttte ttatttggte eetaaaggtt etagetgtet eeegggaata 347400 acceccatte ggttetttte tacatectee ceatactgat ecetettace tteteacece 347460 ctttcccatc cagtgccctc cctctgttca tcccagatgt ctgtttattc tcattttcag 347520 tgagattcag catcctccct tggaccttcg ttgttactta gcttctttgg atctgtggat 347580 tgtacgatgg ttatcctgta ccttatggct aatgtccact tataagtaag tacatatcac 347640 aattgtcttt ctgggtctgg attgtctcac tcaggatgat attatcaagt tccatccatt 347700 tgcctgcaag tttcatgatg tcattgtttt taaaactgag taatattcca ttgtgtaaat 347760 gttccatatt ttctttatcc attcttcagt ggagggatat ctaggttgtt tccagattct 347820 ggctatgaaa aataaagttg ttgtgaacat agttgagcaa gtgtccttgt ggtatggtgg 347880 atcatctttc gggtatatgc tcaagagtgg tatagctggg tcttgaggta aaactagtcc 347940 atgtttctga gaaaccacca aattgatttc caaagcagag acacacagcc aaacattatg 348000 ctgagctcag ggaatcttgt ggaagaggac aaagaaggat ctaaagagtc agagaggtca 348060 agggcaccac cagaaaacct acagaatcaa ctaccttggg cccacagggg ctcacagaaa 348120 ctgaaccacc aagcagagag cacacatggg acagaccttg teceettata catatgaaca 348180 gcttggtcct catgtgggac ctcaaacagc aggagtaggg gctgtctgtg actctgttgc 348240 ctggctttgg atccctttcc cctaactgga tggccttgtc taacttcagt agaagaagat 348300 gctctcagta ccactacaac ttgatatacc aagacaggct gctatccatg ggaggcctcc 348360 acttctctga ggagaaaaga gcataggggg aggggaggtg aaaggagagg aggaagtgga 348420 agctctatcc aggatataaa gtaaataaat taattaagga agaaaaagaa ttttccaaaag 348480 caagatacag cttaataaaa ataattttag tatatacata tattaaatac atgtatgccc 348540 ttatatattt atatataaat tttatatata atagtatata aaattatata tataatgtgt 348600 actcagggat agaggaggcc tgttgacctt tgctttctgt tgatacagtt gctggtgcct 348720 ctagatgaaa actgacccag ctctgtccac cttttccttc tagagttata gcacatgcca 348780 ggaatggcaa ctgagaactt gagttccaag gataagactg aattctctaa gtatgttttt 348840 tttttcccat ttaatgactt ttcttctcat gcccttcctc ttctctgagc ccactcttta 348900 tcacaaaaag aaagtgcttc ttcagtggtg gccaaagaaa tttccattaa aaataggaac 348960 atcttttctc atggctgcct ccaatttgct ggtccttgaa tgtgttcctg gagagaaacc 349020 gaaggcctaa gatgagcctc actcaagcct gcccctttgt gtgaaagggc ttctaacact 349080 gggtatgtcc cacattcctt acattgccct ggatcccctc aaggatagga gagggccctg 349140 gcattcagag aatctaatac cacaaatctg atgtatcctc agggagatca gaactgggaa 349200 aaaacatgat cagaatgggt tgccaataag ccatcttttc agcaatccat tgaaaaagtg 349260 tgcttcatct actagtgaaa ctgagaaaac atggacatca aaataaatag tgatggcttg 349320 ggttagggat gcaccttact tgaagagtgt ttacctatca cacacaaatc tccatgttct 349380 aggeceacta ceacataaat tgggtgtggt ggtgeatgte tataateeta geatttggga 349440 agcagaggta ggaggatcag ttgttcaaaa tcatctttag ctatgtagtg agttgaagga 349500 aagcctggga tacacaagac tgtctcaaaa aaatttaaat aaataaagag ataacaacag 349560 aagcacaata taacccactg aatataaagc aggaagtcat gagtccacat agctaaatga 349620 ctaagtagaa attcacataa aaagatattt atatacttta aactacctcc cccatatact 349680 tagtatttac aaaaaaacaa ccacaactct aacagatgca tccttctgca agagattaaa 349740 agagcatggc cagctgaact catggttcat ctgacaggat gcagcaagag gaccccagca 349800 tgatcctggt gccatgccct gctgacaatg aatgacctga ctgtagttat atgaaacaca 349860 gaaagtctca aatggaggat cattttacaa cataaatgac cttcaaagga gtcaggatca 349920 taaaagacaa agaaagacct agaaaatttg aaaatgagag aggaaaaaga cagaaaacca 349980 atcataaaca atgtcattac agattctttt aactatgaag aatggacatt atcgggacaa 350040 ctggtatacc tcatatgggg tccaaagtgt agacagtgga gatatatgca ggatggcaca 350100 ctcatctgta ggactcacac aatgaaatgt tcaggggtga ctggatgtca tagcagcaac 350160 ttcatatcta ataatttaag aaaaaattct gttggctgag ctttctgttt tttaataagg 350220 aggcactate acaatgaget teatteagat ggteetaget teaageettg ggttettett 350340 gaacttgagg agcctcttta aagattcctg taggaatatg tatccagtta cttttacatt 350400 actgtgaaga aacatctttg gcagtaactt acggggagag gtttactctg gtacatagga 350460 agtgcagtcc atcatggcag agaagacata gaaattgagg tggctatgtc tgttttggtg 350520 gtacaggttt tatacctgtt ggtcagccag gaagcagaga gcttgaatca gaaacagtat 350580 tttcaagact accctaagtg taattagacg tttacacagt ttcccaatag ttcaaatctt 350640 agtatgatct gagtggaaac tggtgggagc agaagggaaa agaagaggag aggggagatg 350700 aagaagtgtg agcatcacat aaatgtttgt atttaatctg actactagag tagaaggatc 350760 catgateett gataggaaat ataagtgtgt geacataete etgtgtatag aaatggtaat 350820 cacatcatat gtacacttta taaccttatc tacttaatat tttctgaaca ttcccccccc 350880 cctttagaaa cagggtctca ttgtgtagtc ctaagtggct tagaactatg tagaacttgt 350940 ctatgtagac caaactggcc ttgaactaac aaagacccac ctgtctctgc cacccacatg 351000 ttggaattac taaaggatgt ggtaccatac ccggtgacac agtattccaa aggttagtta 351060 ataaatagcc attggttgtg aatcacacta atttatttaa ccaccccag ccatggtttg 351120 gtttaacatt cctgttatgc catctagcct ttagaaattg gcatatatta gcttcactat 351180 gaaagcaaaa atggaaaacc atgtaagata atttccagta caccttttac cgtttccact 351240 tgcccttgga cagattgggc taagcagagg acgttttggg aaatagtaaa tatcgtcttc 351300 ttgaactgat gaactaaatt ctttctttt cttcctttct tcctttcttc ctatttgttc 351360 gacggtagat gactctactg gagactgaaa ttagggcatc atgcatgcaa gaaaaagact 351420 ctacactgac ctgtggcccc agccctcaat ttcactgagt tcaaatccca attctcttct 351480 cagaaatcta ggacctggta cctaatatct caatgcctcg gtttcccctc atataagatg 351540 gcqtqcccat tcacagagtc actgaaagcc tgacaagttg taaagagctc atacaaggcg 351600 agtgttcatc agtgttggcc attgttagca ttatgaaaaa atataagagg cagcttttga 351660 tcctggtgac agaagtgata ttgatggaaa aaacattttg taaggtctgg agttgacgta 351780 tactctttat gacattttaa tetetgagta atagatteea tegeetaegg ageeaggeea 351840 tttccattta ttgacttttc ctcttctctc tcagacatgg agtctacctc ctgttgactc 351900 cattetecet ceagecacea ggaactgttt etggacaatg etcaceacea tgccagecag 351960 gtctaaaaca ggcaaggggt cctgaaggcc caccaaggca ccccatattc cttaaaagga 352020 tgctgaggag gccttaatcc cccttctatc cttacatttt ctcccagtga tatgccccag 352080 tgatatgctg ggtatgactt tgagattgat gtgttggtgg caatacttta taatactatt 352140 caaggcacga tgctgtgatt atgagcataa cctggtgttt cagagcatgg gacccctga 352200 catgttcaca gactgcattg tgtatgttta ggtggtattt tacttaattg agctggggaa 352260 aggaacttga gtagaagaac agggcacgaa caatgtctta gtttaagtga tattgatgga 352320 aaaaaaacat ttgcaaggtc tggagctgac gtatactctt tatgacattt taatctctga 352380 gtaatagatt ctgagtagta gttattgctt cgatgagaca ccacaagcaa agcaagttag 352440 agaggaaagg atgtatttgg cttacacttc cacatccata agccataagt gaaggaagtc 352500 gggataggaa ctcaaacagg gcagccacct agcatataga agccatagag gagtgctgct 352560 tactggttgc tcagcctgct atcttataaa acctaggacc accaaccaag ggatggcccc 352620 agacacaca gactgggccc tcccccatta atcacttatt aagaaaatgc cctacaggct 352680 tgttgacagc ctaatgttgt agcagcattt tcttcattga gattcctccc tctcaaatga 352740 cttcagcttg tgtcaagttg acaagaaact atccaccaca ggcgcctatg acacacatt 352800 gctgggaatc tcacagtatg actcaaggca agctgagtga gggtgtgggc cagcccttcc 352860 tttcagaatt aagggataat ttatttcccc tgggtcccca gttagaaccc catttattgg 352920 aaattcccac tggattttcc aattcctttc cttttccaac attcggtggg tttctcttgt 352980 tattttctcc ttggcttccg gaaaccccct ttcctggttc caattttntn ttccaggaac 353040 ccttattggg tttggaaggc cattgggcag gaaaaccaaa ccaccaggaa aaaaggaaag 353100 gaaggaaggg ttcttccaat cccaaaggga attggcaagt ttgttaagaa caggggggcg 353160 ggcaccacac tcatggccat ttttttttt aacctccagc tgagagcatt gattggacca 353220 ttagccaagg agctgtggga tttcacaggg tctgcccacc ctggttcagg cctggtttag 353280 tcaccataag cttcacatgg cagagaaaaa taaactcacc tcgaagtttg attcagtcct 353340 gggaaaactg ccgccagcac acctttggtg tcaaggtcgc tccttatctt atcagtaaaa 353400 atcccctaaa actgctacgg gaacttcggc tccctgtcct cataacctgg aggtgtagct 353460 ttcttcatgc tttgagaata aagataaaat gaattattaa ttttccaggg cagcagcggg 353520 tgatgcttgg tcaaggagtg aggaagacga gcagtcaaac ttctatacat acggcaggga 353580 aaagtcatag aagcaggcgg actggaggaa gccagaggtg gggagtttcc agaacggctc 353640 tcggaaggag cagtggcctt tgtatagtga acctccagct ccaacttctt cctggattca 353700 cagccagaga agtcatgccg tgtggaagcc tgctggtttc tagaactcca tagaacatct 353760 acctctgtct gggtgatttc tggtaatcag caaagcctgg aaattttgaa tcatctccat 353820 cagaaacaga caagctatct tcttttcagt acgggggacc aaactaagaa ccctgtacaa 353880 gctagacaaa taatctctcg atgcagcaca ccctcagatc cctgccccac aactgtcttt 353940 tctccctgct agtaaaactt tccaatcaaa atcattttcc cacaattaaa aaattataac 354000 ttaatacata tacatggaaa aataagaaat caagattaac ttgtaattat taaaacagaa 354060 taaggcacca gccagcctta tttctgtctg agctggttcc ctttttctag aaaccatttc 354120 tgtaaattat aaagttttaa attccataat ggttaccttc tcattgattt aaaaaatgct 354180 gtacaaactt ttgtagttta ctatatttat tctctacaca ctggcctact attaaagtga 354240 ctctcactca ctctttcctc tgaggccccc tacttcccag gatctatcat tagcttcaat 354300 ggggggcttt tataatttaa aacctaccat ggcgtttcta ttaatcttcc tatgtaatat 354360 cttctgaaac aagattttga taacttatca atgaaaattc aatattgagt tgggagagca 354420 gggtgagatg catgtgctgc cacaaaccta taatcccatg gctcgtgagg ccgaggctgc 354480 agaatgaggg ctagaagcca tactaggtta cataacacgt tccagggtgg cctcggttac 354540 agagtgagac teteteaaaa aacaagteaa acaaaatata cacacaaaga agaaaaacaa 354600 acaaacaaac aaacaaacaa cacacacaca ccaagttgta acctgtaatt tagatatgaa 354660 ggtcacaatg aaatggctag aaagagattt ttggtttttt gtggtttttt ttccagtaat 354720 aatacaatct caggggtcac agtatgagcg agcaaatgtc ctgtaacaaa attatcttca 354780 tgtgtaggca tccactaaag gaagttttga actttctctg attggtctga caggcatgca 354840 aatagcgatt ctgtagtctc tgaaatattt tgcattatag ctgaatatga aagaaaaaat 354900 gattaattta ctccttaaaa ttttttattg tatttattta ttggtggggg catgccaagg 354960 tgcacactcc aaggtcaaag gacagcttat aagaattggt tctctccttt gaccctgtgg 355020 gtcctggaga ttaaactcag gtcatttgga ttgcatgcca agtgtcttta tccactaagc 355080 catctcacca gtccaagagt aattagtgat caaatattat gaacttatac taagttacca 355140 ttatattatg aagtttatag atttcctatt attgttgtta ttatatacat atgtgtgtat 355200 ataatgtgtg taataaaatg tcaaatgtaa atgtatgtat tatgtacagt atactttggg 355260 aatgatcatg tgaaagatat ttaagtttcc aaaagcacac attttcccaa ggatactttt 355320 cagccacgtt catgagccat ctttgccact cagttgcgag aatctcagag agcttagcca 355380 ccgccctgct gactgctacc gctctgcctc tgcctggcag gtggacacgc tccttggggt 355440 atcttgcaat gaaactgttc cccacaggtc caggtgtttg aatatctgat tcccagttgg 355500 tggagctatt tggataagtt tagggtgttt ggctttgctg gaggaagtgt gtcacgagag 355560 aggagggctt ggggtagggg ttgaggtttc aaaagccatg tgtcattcac aggtcaataa 355620 ttacacaggt caataattac attcacaggt taataattac agattaactt gtaattatta 355680 aaacagaata aggcaccagc cagccttatt tctgcctcgt gcctgtggtt caagatgtga 355740 gcccttagct tcagttctgg atgccgtatt tgcagcttac agccacataa ggctcacacc 355800 atgacagact ctttcccctc tggaacatga gctaaataaa tcttttcttc cataagttgc 355860 gcactcatca tgccttatta caagaatagg aaagaaacta acccctctac ttcccgaggc 355920 ccttcctgta cacatatctc ctctctgaga cattattaat agtcttactg cctccctaga 355980 tcctggagga gaaatgtagt ctcccctttc ttgagtccta caacgcacag ctcctcacga 356040 tatectteet tattttacce etcaacttta catagateae atggtacaga atgeceeagg 356100 atattcagct aaggettaag tacggttcag atattttcct tgaatgctga ggatgtgget 356160 cagttgataa agtgcttgcc tggcatgcac aaacccctgg gtttgataca caacagtata 356220 taaacatgat gatacatatc tgagttcttc tctgccaact gtttgtatga agtcttactc 356280 accaccccat tetettgeet tggtacagge tgetgggtgt cagagecace tgeaettaca 356340 gctcaaagct agaacgctga ccacagagta tctcagtacc caggggtcac acttaccagc 356400 atggaagaag teeettgaet tgaetgeeac acatttttt gtetageaga teattaggae 356460 ccccaggggt ggatgaatct cccaccatat cctcagctga tggataatac ccccatcaca 356520 gaaaaaaaa agaaagaaca aaaaacaaat tgaaggagct ttettettee tggtggtget 356580 ttccaaatct atcgttcaag ctgtgaacgt atgctgtcac tagtgtgtct caaggtacct 356640 ttgaaagcag tcagtagaca ctgctacact gctactttct cttttcagct gttcaaccct 356700 gctgcccaga caacattaca atgacctcat gtgaacagtg gaagggccac gagatgaagg 356760

gaaaggattc cagctatggg ttcagagcat ctgtgctttt aaaactgtag cccctcctgg 356820 ctctgctcct agagatctcg ctagcgcctt gtgaatgtgg tgaaatctac agatgtgtgt 356880 gtgtgggggg gagggggtt caaaaggcag agcgtagctt ttccggagtt aaaggtctgg 356940 gctcctcctg ctctgaaggt gggctgcatc ttaagggaga tgagaattag acataaaggg 357000 ttagtgttta ctcacgaccc atgaacttgg gaatataaag gggctactgc cttaacactc 357060 caacatgggg gcgcaggagc ctgaagggtt atgtaaggag agaagaaggt gtgggctagg 357120 atctaagtcc tcttctctga aacactgcac tgagtgtgta accccagggg gcagctcttg 357180 cattctcctt ttgaattgtt gtgctttgtg ttacttaaga catagaccca aacatatgtt 357240 tctatgaatc tgaagaaaaa cttaactgtt aacatcttat tcatcttcat ggaacttttt 357300 ctcagaactt agaatgctct ggaaaaagaa aggggatgtg aagaaacagg gagatgagag 357360 cgggagagga gggagaagca aaggaaactc caaggccctt catcaggctt gctctgcttg 357420 cagccccacg gagaggagca gctgtgctaa gaggctcgtg tgtgtgtgtg tgtgtgtgtg 357480 tgtgtgtgtg tgtgtaagtg ttgtgtatat gtgtgagagt gtgtgcatgt gtgtgtatgt 357540 atatgtgtgt gagtgtgcat atgtgagtat gtatgtttgt gtgtatgtgt gtgagtgtgt 357600 gtttgtgtgt ctgtgtgtga gtatgcatgt gtgagtgtgt gtttgtgtgt atgtgggcat 357660 atatgtgagt gtgtgtatgt gtgtgagtgt gtgtatagat gtataaatct gtgtgtgagt 357720 gtgtagatgt gtgtgtatgt gtgagcatgt gtgagcatgt gtgtgagtgt gtagatgtgt 357780 gagcatgtgt gagcatgtgt gtgagtgtgt gtgtgagaga gtttcttcct tcttcctcag 357840 ttttgcagcc cagacttttg cccatctgga tgcaaaccct gaagcttcca agcctccaga 357900 cttggcctga acccagacca aagaagaatc ccgttgtctt atatctgctc tcacactcag 357960 gttggggatg gatgaagagg actttccctt gagggtgatg agttcctgga gagaaataca 358020 cttccgaaaa gcaacgtcag catgatttat gcaacagccc actgccaggc ttctttcatt 358080 tototocaac totgaaacac aggotagagg ttactgotta tottocatco cagaaggaga 358140 ctctgatcag aggagagctt ggtattatgc caggatctga attggaaacc acagccttga 358200 gacgatgcca actgggccaa ttaagaaggt gttgacgacg cttcccagga acgggtttct 358260 agatatttta actttgatgg aaaagtttaa gcttctaaaa atccccaaga acctcatatt 358320 ttccagggac tagtgcctgg actcttaaag gcttccaaga aaacaggatt ctcagaagcc 358380 ctttcgacct tcaagctcac tggaccaatc aagaagtata tggaaaaaca aaagcaaaga 358440 aaaccaggcc ttctcataca ccctgagaga cttagatgag ttaagtgttt gaagaaaaag 358500 cttgctgcca attaggacag tgtactggct ttgagaagtg agcctcatcc tgttctcccc 358560 actititggct gccaggtatg gcaaggtigg tcagcaacaa tgtcagcata aggggccaag 358620 attagcactg cotcocctg gaatgttotc agaattotgg cacgottact aacottottc 358680

aaaactggca tacactggta attacaatct aaaatgcaaa tgcccataaa ctctgtgatc 358740 ttactgcaaa ccctgcaatg tggctctcac gtctgtcttg gagacaagaa agctaagact 358800 ccgaggaatc aagaaattcg tgggaagttc agttgcacca agaagttcat gggaagtatg 358860 aatcagacag acttgaactt gggtactett atcaacactt gggagtteet aagaacaggt 358920 gaaggtgagg tcatgaccaa cacggttgga gagtcctgtt gctcccagca ttaacccttc 358980 agctactggg ctccagtatt gatggaatcc tgcaatagag atcctcctct agggggaggg 359040 aattccaaca aatagctcct gacaaatggc aaaggaaatg gtgaaaaaca gcaaagacat 359100 ttaatcagca tatctatgac agtgagacaa aggagacctg caccettate tetgtteeta 359160 ggaatgctga tttaacctct caggttatag cagaaaggga caaagggtgg tgcaaataat 359220 tacacataat atgtcttagt caaatggtgg ttccagggct ggagagatgg ctcagtggtt 359280 aagageeeca getgetette cagaggteet gagtteaatt eecagaeeac atggtagete 359340 acaaccatct gtgatgggat ccgatgccct cttctggtgt gtctgaagat agatacactg 359400 tactcataca cataaataaa taaatcttta aagaaaaatc gtggtcccgc tgattatgaa 359460 tctcagcatt ggttagacag ggccttgttg caagaagaaa agcattgatt cctgactggt 359520 agatttgact ctggtcacaa ggactactta attaaatgtg aggtgactgc cgaagagaag 359580 gagtcaaagt aaaggtggcc tatgcaaaat gggtccctag atggcaaggt ttcctacctt 359640 tacttatcca tcgggcgttt gaggccaggc agggaagaag cgtcaatgct cttagcaaag 359700 gtagcctcta agtcgccggt tctcaaccag tgccttgaga ccccttgggg agttgaatga 359760 cettttcaca gaagtcacet gtgacaactg gaaaacacag atatttacat taagattcac 359820 aacagtagca aaattacagt tatggaatag cagaagaaaa taatttcatg gctggggggt 359880 caccacaaca tgaggaacag tcgtgaaagt cacaacatta ggaaggctga gaaccactgg 359940 gttaagteet tgeeceetg cagaagtetg ggacageagg gagaaageag gtgaggeett 360000 gagaacgtag ctttttatca acccatgaat caaggcagcc ctgacacaag atggctgaag 360060 gctggagatg agtcccagtc gcaagtggat gaagggagga gtcagctctg cttcaaggca 360120 gcgtgaaact gttagaggag gatccattag gtcttccgga caacaacagg caagcgagtg 360180 ttgggtagaa ggaaggatgt aaaaaggtgg gagacatgaa gccactggga cccaaactca 360240 tttactgtag cagaccgaag ggtgaggtgc agggccggga agtgggaggg gagagacata 360300 ataaatggga acagaaaggt acccagaaaa tgggcacctg aaatacatct taaccgggaa 360360 gctggataaa gccatatatg ctttggacat ataaatactg aatgggtttt taaatcctaa 360420 agtataagca atctatcttt caaataaaaa tgttaagcag gcatcatgtg cagcagacac 360480 tttccttgta cacacggagg taaaccacat atgccccagc ttgcctgccc actgggacag 360540 agtcacattg gcacctcctg gccactccat gctggccttg aattacaact acattttatc 360600

aagtgcctga cttctgccta catgttctct ggagcctttc ctgggtttgg atgttggttc 360720 tttttcttgg agacatgcta tggaatctct gagaattaaa tcatcactga gaatcaggca 360780 cacagitica cigicitiga tacigiccia cacciggati cccgatagec taggatgaac 360840 tcattcggat acccacatct gcaggacggg cacctgcagt caatagggaa ccataaaatg 360900 ttgccattcc tctggggggg tcaatgctcc agcttagagg gtttctttag gtcttcattc 360960 atgtcccaca taagtccaaa ttatcctgat ctcctgttaa tgcagactta ttatgaacca 361020 tgcagttaca gcaataaggg caagcaagta caaatcacac ttaagccgtg caaaatgtcc 361080 tattctccac ataaatatct ggtgaatttt attcttcact aatttgattg cttttgaagg 361140 aggacctcca aagtgtttca gcttagttca caatacaagt gggacacatt tttggggtaa 361200 aagggaatct gatcatgtgc ctattgagag tgtgtgagag agtgtgagta tgtatgtgtg 361260 tctgtgtgag tgtgtgtgt tctgtgtgtg agagagaatg tgtgagaata tatgtgagta 361380 tctgtgcttg cacaagaatt cttctcattt ttaacggtag tgacctacat ttctttcaaa 361440 gaggaaacat aatacactgg aagtagccct tgacggagta ccctgaggtt tgaactctag 361500 totcaactat gggcaccaga agcaaccttg otcotgoatg gaacatotot toacatacta 361560 gacctttagc taccttatct tgagggctta atgatctctc agaggtggtg gtggtggggt 361620 ttctcatttc ctgtgcttaa agcgcatttt cagttaatac tgtagcagtt gataacggac 361680 cttaggtaca tttctgacga caatataact gtatccccca gttactataa ggtcacctcc 361740 agttatggat ccatacctgg taaacgactg ctctcatatt cataagtaac ccagaacggg 361800 aggtttccct cagtgatctg tcattatccc tattcccttg tcacacccat gtcctagaga 361860 tggcactggg gtcaagtctg tgtctgtatc ctttaatgtc ccatctgata tacaagcctg 361920 gatgagatga gagctcaaat acaacccaaa ctggttttaa aataagttgg gcagaaatta 361980 aagtagteet egtgtgeett tggttattte etteaagggt gacatgteet aaagaagtea 362040 gcctgatggt tctcctggtc cctgactttt ctctcttatc cctccatctt ccgacataac 362100 atcatgatgt gaagtagcca agagagctcc caacaggagc tagaccaagg tcacttgatc 362160 ttggactaac tcaggtgggg gggggggcgc caaacaaacc tccctttaaa aaaaacaaac 362220 aaggagette tgatattttg ttgtageaac taaaaatget etaatatttg tagagtgett 362280 acttaacgga gtcttaagac tagattagtt gaagaaagga ctccttactg aagagaacat 362340 gggctgagga gcccctctgt aaggccctgg agtctgcagg gctataaagg agttgctaga 362400 ggactgaacg gaacagctcg ggccgagtat gagaggccac gagagaagat ccgttccttc 362460 ctgtgtctaa cacttacagg gttttagaag gcggcattta aagttctttt gtagtaggaa 362520 gcaatggttt ttaagtactt aaagatgatt gctgtggagg gcactgaggc atcgactctg 362580 ttgtgttcct gtaaatcact tttcatttcc tctaatagcc tttccaagca tctgctgggt 362640 tgttgttcta ggccgagaaa atgacaaaca agtctggtga gtgcttaata cagattcaga 362700 ccctttgtca aagaacagtt aggatcaaag ctttccagag gcaagccgct aggagatcaa 362760 aggacatett tatettgtge ettatggggt gtgaetttaa acaccagaaa ttagaeettt 362820 ggagtccatg tatttaccat gaaaatgtgc cttatttcta gggaaacaag gtcctcagcg 362880 ccctgtccac atttttccca ggaaatgggc aggtggaaca ggcctgtgat cttccttttc 362940 ttctctaatg agactcgtgc ttcagagaag tgcgtttatg ttgttccaga tgtgtgctaa 363000 aacactccag acacagaagt gggtgggcca ggcccctgcc ttcccggaga ccgcgtggaa 363060 ggaagtcagg cagttatgga aagtcccttg atctgtacgg attgatacta agcgaggggg 363120 cactgacctg ggctcaacat acagcaagac ctgtgggaat gagcatcatg ggacaaggtg 363180 ttagtgggtg aggtgggcag tggagcggtg tgtacgaccc ctacaggaca ggagtggtac 363240 tacaaggaag ttagagtaca gaatgcagag ccatactgtc aagatgccaa ggacccagag 363300 ggactcctca gtcgagttac acaggcctcg taagctgtgt cagaacttac ttaaggagaa 363360 tgggaaagca cctcaagact cttggtaaga gattacgatg tagacactct acacctttgt 363420 aggaggagcc actaacggcc tcttgctagc gctcggggat tggcttcttc accaggtttt 363480 gagagagttg cctagagcag ggagtttagc cagctgtgcc cacgtgagtg tattgttgaa 363540 actacttgct acatagtgtc aacaggatgt ctctgccggg agcctggtct ttgggggaag 363600 actaggtcaa tectecetge ecceecete cacatetggt gaaateacea geteagggtg 363660 aagggcaacc tagatgctga cttcttccca tcttagaatg ttttcatccc gtcttgagcg 363720 tgctgttggg ggctgaacct gaccattctg ggtgcagcaa tcagaaatct tcaaagttaa 363840 cgtagaatac ttttttttt tccttcttcg aaccgttctc gctcctcttc actcctattg 363900 aggttggatt aaaagcaagg gctgacagta actgcgccgt acatgcgcag ttgtctcaca 363960 agactattgt tgaagaagag gctcatcgtt aagtatgtgg attcactggg gtttaactgg 364020 cacggttget gtgtagtggt ggttttgtat agatttcaac caagtttctg taaggatcag 364080 agttagagca taaagtggga gacaatctgt gtcccgtgtt ttaaaaaaaaa aaaaaaggaa 364140 aggaaaggaa aggaaaggaa aggaaaagaa aaaacccaga ctcttaacaa tgattcaaca 364200 tacccactga aggcaaatgt tagtggctta ctggaagacg ttacgcatga atgaattacc 364260 acageteaca teacatetgt aggeataatg tetageeaga etaaaaatgt caagatacaa 364320 gcctagccta atccaccagt ctcaggtcca agtaagagac actgtcccaa aaatcaaggt 364380 ggagagtgac tgaggaatga tctctggcac acacacaca acatacatgc acacacaca 364440 acatetgege ttgeegeagg teettegage eggatgagae acgaacgaea eggacaceaa 364500 atcgggttca cgcagcaact ttacttaggg ctttttcttt tacagctctc ttccccagca 364560 gcttcttctt agggcaaggg ctctcttact ctacttctac tcacagcaag ggctaaaaca 364620 actectatta caacagette tettetaeta eetetaetta eggeaaggge taaaaetate 364680 ttcgcgccaa ctcacctcct tctagctcca ccccacctca tccaatcaga attcacacac 364740 acacacaca acacacaca acgegegege gegegegete caggeatgaa etcaggtegt 364800 tcacagacag gctgacaggt caccatcacg aggaacagtc cagcctggca ggcagcccac 364860 gcatgcagcc tcactgcgca tgctcgggca acccaagaaa caagtgggtt tcatgggacc 364920 tgcggctgca ccggcttccc gcatgcgctt gtaaagatgt ctgtctcctc actgaaccca 364980 gaagcgtgat tctaactctc cataatctca tattaatgga gaaggagaca acttaaatct 365040 gcaccagaac caggcataat aatgttcata cttgcaaacc cagcagttcc aggccagcct 365100 ggctacatcc agtgtgagac tggactggat agtaacacaa actagttatc caagaggaag 365160 gagecteagt tgagaaaatt eeccecataa gateaggetg taggtaagee tttagagtgg 365220 tttcttaatt agtgattgat gtgggagggc tcagtccata tgggtggagc catccctggg 365280 ctggtggtcc tgggttctat aagaaaacag gctgagcaag ccatggggac caagccagga 365340 ageageacte etceaeagee tetgeateag tteetgeete eaggtteetg eeetgtttga 365400 gttcttgtcc tgactttttt tgataatgag tagcaataag gaagtataag ttaaataaac 365460 cettteetee ceaettiget tittggteat gitgtitett tgeageeata giaaceetga 365520 ccaaggcagg aatctgcacc agggtcgtgg ggtgtggctg tgacagactg accatgtggc 365580 ttgggggagg attgtggaaa gactttggaa cctggtgcaa ggaaagccat tgagtgttca 365640 atgcttggtg agctgctctg taggagctta gaagataaga atgctgaaga caacgcagaa 365700 gatgaacgcc tgaagtttca ggtgggaatt taaagactct tctgggggag gggggcatgt 365760 gttattttga attaagattc tatggttccg gttagctgag gctgaagagt catccgtgat 365820 caacaaagtg ccagaactac gaaagaagag accagcatca ctggggtgaa gtcttctggc 365880 aagtgttacc tgagagcaca cagaagctgc cttccagagg agggtaaggt tgtgtcggag 365940 tctccccaga tgggactggt tttgaagaca tgaaggagtc atggagagaa gctgaggttt 366000 ggcactaggt ggcagggctg gagtccctga agagaggcca ggagaggctg ttggtgaaag 366060 ggcagcccag ttgcagcaag agactctagc agtttgggag ttggcagtgc catggatgac 366120 tatcatgaag agcagcatcc atggagtgaa gcctagaagg caaactgtgt gtctgtagag 366180 ggtagagctg aagaagtgtt ccaagtcctt tggaggagcc cagagatggt gagtgaatcc 366240 cagacattgg gcattgtgtt atttacactg ctgaagtttg gttttgcttt gttcagattg 366300 tgactgtgcc cccattcttc cctcttgaag aaagtattta acttaatttt gattttttta 366360

aaaggagcct gaaaagttaa aagactgagt ttttaaaaga ttttggatgt tttaaagaga 366420 ctgaacttct aatgtgttta atttgtaagg accatgggtc ttttcaattt tgtttgtttt 366480 atattgttat atgaatatta aagtaccatt tgggggaata aatgaggaag gaaaggttct 366540 tattaaaaag ttatgtgaaa gttatgtgtt tgtgtatcaa gttaaccagg ggtcagtcat 366600 actagttagt totatgtcaa gtgaacacaa actagagtca toagagagga gagagcotca 366660 actgagaaaa tgcctccatg agatcaggct gtaggcaagg ctgtagggaa ttttcttaat 366720 taattatcaa tggaggtgga gccagtccat tgtggatggc accatctctg ggatggtggt 366780 ccaaagtgct ataagaactc aggctgagca agccacagga agcgagccag taagcagcgc 366840 ctcttcatgg cctctgcatc agctcctgcc tccaggttcc taccctgttt gagtccctgt 366900 cctgacttct tcaatgatga acaaccgttt ggaagagcaa gacaaataaa ccctttcctc 366960 ccctgcttgc tttttgatca tgggtttttc atcacagcaa tagtgaccct aagatagaca 367020 ctcaaaatca aaacaaaata aaacaaaaca acaacaacaa caaaaaccaa cctgtacaaa 367080 acttctccct attcagagtc ccctaagtgg gcctctctcc tatctttgtt ttaaggaaca 367140 tggcatttaa gtctaaagtc aaagcggctg ttttgacatt tactcagagt cttaacatta 367200 tttcctatca tcccacctat ggaagaggtg tgcttcattc atttttttt tcttgctaac 367260 acaacttttt tattacagga ttttgcattc ctatcccttc taggaagaag aaaatgtaag 367320 agaattttac tttttctcca ctctcttgta gtttggatct taaatgtccc cccaaagacc 367380 atgagtttaa ggcttgttcc tcatccacta ctgggaaata gatggtagag gtgtggcctg 367440 gtgggaggaa agttaggtca tcaggagtat gtccttgctg gaaataggga cctaagccat 367500 ctcagcttga agctcattaa gcctttccga aggcctaaag ctacttggta actactgact 367620 gacagatetg gettageatt caaaagaace cetetgteet tttageagtg tgtgtgtgt 367680 tgtgtgtgt tgtaactttc tctacaggaa tggagagcta acacactcca ccaatcatgg 367740 tcagaggcaa gccctgcata gggtctgtcc cagcagaaca ataattgagg tgctcagcta 367800 gttggaacag ggctgacatc actgagaagg gcttgctgcc tgctgtgcat agaaactggt 367860 gttctctgcc cggggttttg caaaaagaaa aggtttaatt tctacagcct gctggcaaca 367920 ggctgcagac tcagatctgc atccacaatc tgtgtggggg tggggggtga aatttgccag 367980 aggtaaaaag aggtaacaat gcttgttgga tgaatgacaa gcttgcagcc tatcctttct 368040 ggaagggtgt atgaagctga gctctgcacc tgggactttt gaacatataa aatcattaac 368100 cacacaccac ctgatttctc atatctattc ctaaaaaaca tctggtccca aactatccac 368160 accactagca aaaggcctga aggctttgcc tggaaaacca cttaaagtta aggaatttat 368220 tttgctgtgt gtctaggcct cagctttttt cgcccatggt gctcagcctt gatggcttgt 368280 ccccctggg ggctagcatc tctccactgg cagctgggca gcatgtgggt gtgtgcggtg 368340 tgtgtatggg ggggtattgt ccctccctgc ctgcctccgg ccttcatctc ttcctgcctc 368400 agagecettt catggttegt tettetttaa atatggeeet tteattgeag aatgageeag 368460 agtggatttc tttgtcttca aagactcagc attaggactg tgaggggctt caaacaggat 368520 tctgttcttt tttttaaaga tgggggaaaa accatccatt ccctttttat aaattatgaa 368580 gatagttggc taatcatgtt tgaaatgtat cttgttgaga tcatcagctg gatggccgtg 368640 atgatgggtg actatggagt aaagggcggt tactctcagg gttcgcctct ttattgctct 368700 aagtgctagg catagcagga ttcctttaga gcttatcatg tttcaggact gtacatgggg 368760 aaaaggacct ctcctcttaa tcatcaccaa tgtcattttc tttctctctc tctctctc 368820 tettette tttettett tettette aaaatgtatt tatteattt etatgagtae 368880 actgtatctg tctttcaaca caccagaaga gggcatcaga tcccattaca gatggttgtg 368940 agccaccatg tggttgctgg gaattgaact caggacctct ggaagagcat tcagcccatt 369000 ctcctaactg ccaagccatc tctccagccc accaatgtcg ttttcaagcg ctaccaaggg 369060 agttttgctt aggcaaatgt agttaaagtg attcctttac ctgtctaaag gtgatcagag 369120 ctatgtaggt aaatggccgg cctcccaaag gtaaatggcc acagcagaag acaaaacaag 369180 cctcacttga ctatttgctt ggaggagagc atccaaagag gattggaaat tcagttccca 369240 agctctgtaa aagaaagtct cacagacatt catcaatagg caatagtaag gaaggagacg 369300 atacacgagt gtcacagtga gccccatgga cagcttcatt attgaagaaa atttgcattg 369360 ggcacgtagc aaatagaggc acaaagacac caacacataa gagaatgcag tggttttata 369420 ggcagggaaa gagaagatcc caattcaaaa atgctgaggt tgcctggaat cttcaggatt 369480 ggatccctga aaggaagaag acgccaaatt atgagttgag gtctccttga gtaactggct 369540 gggacctaaa atacatatgt tagggcaaga tgcccagaga tctcacgtgg tgactgctgg 369600 agtgagatga accatgagtc tagaaacatt tcagttctga cagaacacaa agatcttacc 369660 taaaacaaac aaataaaacc tcaatgcatg gcaatgagca gagattctat aggactaaat 369720 gtgaggagtt agcagtgcct gcgtccagat acaaacgttt atctagcacc ctgtcataac 369780 tatgttaatt attcattatt gttacattat tgaacaacaa ttcattattg ttgttgttgt 369840 tgagtagtat atatactact gtgtgtgtat gtgtgtatat atatatggac atatatata 369900 atatatagta tatatactac tatatatact actgtagaaa gtgctcatca atatctctta 369960 tacatgaatg aatgaatgaa tgaatgaata agctaaatga ttttgtacat taggaaatta 370020 aagtcaaaac cactgtgttt tgcattctgc agaatggata cacaaagttg gccttaagta 370080 atagctccct tccagagacc gtaaacatgg aatctcctag agattgaaaa ctattattct 370140 acatgtaatt ataaaccaaa tggcatttaa tttatctttc ttcctggctg gggtgctaca 370200 cattataaaa atttccagaa aaggaatggc gggcaggagc aaagtttcct ttgatgtcgt 370260 aatqqctqat qttqactqtc aacttgaggg gatgcggagt aaccacagga acacctgcct 370320 catctgtgta cattcctgtg tgcaacaacc gcaggaatag ctgctaggtc tgtctgtgtg 370380 gaagcatcta gatggagtta attggagtaa gaagaaccac cctaaacttg gatggcacca 370440 ctccagagct aagggtcctg aattgagtaa gaaagggaga gtgtctccac tgggctgtgg 370500 acctggcttg gtggctaaga agacatactg ctcttgtagg tcctaaaatt agaattgggc 370560 tgctcacaac cacctgtgag tccagctgca aggaatccaa atcctctgat ccctctcccc 370620 ctececetee etetecetee teetecete teetetet eteteataca cacacataaa 370680 cacggtgggg ggggggttct caattaaaag taaaatcctt tttaaaaaga ggagagacta 370740 aagtttctac tctctgattt tagatgcagt gtgaccagct gacacaaagc tcctacttaa 370800 acagtgagcc agaatcaact ttttcttcct ttggtcgttg gctttcatct ggcattctag 370860 cccagcaaca atcaaaggaa ttaatgcaaa tattaccttt caaatgtttg agatctactt 370920 ctcaaccctg ccttcccaga agtcaatggc ccacaggagt gagtctgtct tcttgtgggg 370980 aataagaaag ggaagctggc cetteagagt ttgtgeettt gtatgeacet gtaatgttge 371040 aaaagtaatc accgttgctt aaaagacctc cactgtttgc taagtactat ggtaagttct 371100 tggctttcaa ttcatttact cctcactgca gcctttaaag taccctgata ttcctctctc 371160 tcatgggatg gaaaacctgg gatcagggtt aagttacttg cttatgagtc acatactgaa 371220 catgattcaa gcaggactct accctaaacc tctcctctgg gactcttcaa cccatgggcc 371280 tcatgagage atttettte tgacatataa ggeaattget teteatttta aatttettga 371340 aagtactcta tgtcttggat aactttagtt ttttgctttc ttttaaattt tatttaattt 371400 ttatgttata caaaatgaaa aaaaataggg ggttggagag atggctcatg aattgagacc 371460 acttattact tttctagaag atctgagtct ggttcccagc acccaagtca gggcagctca 371520 caactgctta tgactccagc tccaaaggat ctgacatctc tgtcctcctc aggcatccaa 371580 atteatgtee atatgeetae atgtacatae ateacacaat etaaaataat aaaaacatat 371640 tottaagagt aaatgattaa atccaccca toccccaat atttcctctc aatttgcttt 371700 ttttttttca accaccaaat ctactgtgtt ttatgtcttc tgtgttttat gagcatgagt 371760 gtggggccat ctactggagc atggatagtt gctcagaggc cacatctctg aagcaaactg 371820 actetectge etceageagt catggattee catageteet cacetaaggg tggaatttgg 371880 tgactttctc caccatttgt actgtgatct tgtctggctt gatttgaatg ggtctcatgc 371940 atgcatgctg tcatagctgc tgggagccca tgtgcataac tgacctctcc tgtttcccaa 372000 attetgttte actgeagtea ceaactgtet etggetetta eagtetetee acceaaccet 372060 tcctcaatga tccctgagcc tcatggagag gggagcagta ttaatatctt gtttaggctt 372120

gatgacttta atcatgcata tttttattaa taccactaag ggctttctcc cttttgaaac 372180 acggtccttc tgccatgaaa ttgagaagag tgagtctgca taatagtttt actggaggcc 372240 ttgcaaattg tgggatttgg gtaggatgca gaacttaaga cccacattac tgtagactac 372300 atgatgtcat aaactggaag acataaactc atacatttat agattaagcc tgctgtctac 372360 acttacatac cttctcatgg ttttctccct caatttggga ccttaaaaat tcacaactcg 372420 tagtgagcat ccatcatcag tagatgacct aaagaatgct caaaatgcta cttctgcctc 372480 cgtttccggg ggtagggcga ggtaatttta cctttctgag tttccccagc ctcttgggtg 372540 gtgcatcctg aggctccaga tgtctttctt ggcttcaagg acgtttggtc ttcactatca 372600 acccatcccc caaattatat aaacctgaac catgctggct gacctcttga tatcacagct 372660 caaccacage tggagactae aaaacatttt geagttaete ttaetagtgg attaeataat 372720 agacacatcc tatctcagct acttgaatgg ggaatagagt ccttccttgt tctggctgtt 372780 ggcactgctt ttttgctgta atcttttgat tttttgatag agatatgctg gcagtcagta 372840 tgttcatatt tttccaatgg aagtcaagtg tgatcattta gtgctcctca aatatgggtt 372900 gttctgtact cagctggaat tgccataaga gtttatttaa cttctgcaga attcagatat 372960 tgttcaactc tagccacagc caaggttctg gctttcactt tagttactct ctgactgtcc 373020 cctttggaga cccctggctg cccttcccat tcatctataa agattgactg ccaaaactct 373080 gtggcatttt agggattctt ttttcaattt ctctaagctt attgttaatc tattatgtgg 373140 tccatctcat tgaccctctt taacccgatg atggtcgttt ctaaagctgt gtcttactgg 373200 aagettttag ggetteteat ttgatagaga agttteagge ttggtaetgt agtettteee 373260 tcataaatcc ccctgatcta tttccctttg tctcaatgac cttctcagct gacatcacct 373320 ttgggctggt tgccttgaga aacgggagag attgggtatg acagcactaa gcaagcatcc 373380 ttaaggcatg gcgagttcta aagtaaccga atctcaaggc tgggtgggta cctggatatt 373440 ggttagtcct agatccctcc ccacacaaga atttgttctt gaatattcac agtccctctc 373500 ctctgctaga atccttccaa gcagagatca ttagttggct gagccaactg ttctcttgtt 373560 tcaagttcta attgctagag ttattcaatt gaactctgct ttcttcccat tagttctagg 373620 tgtgctgttg ggagcaatac aagttaaggg ttgatttctt agaagaccat actaactgct 373680 cttgtatgtt ggggtctcta ctgactgact tatacttagt cggggttctt gtagttgtaa 373740 gtaataggaa gcaactctgg ctaactatct cagctttctt tgtccaaata agaactactc 373800 caaaacttgg tgcctcaaag aaatgctcat tgcctcacag atggtctggg ccagaaatcc 373860 agaagcaact tactaggtga ttctgggcca gggntgtctc ataaggtttc agccaaaaat 373920 gtcctgctac agtcatctga agcattgact gagagtgtgg ctccccttct gagctctcta 373980 ccatcactaa tggcagtagg tctcattgtc ttttcagcca ttggccagag ccatccttct 374040

ttttcacttt ggtatatctc caacacagca actggcctgg tacaggctat aagaaggaca 374100 ggcaaggcag teettgtatg aettaatete tgaacteggt aataaggett teteeetete 374160 acacacaca acacacaca acacactttc attatttctt tttccagtgt tgaggattga 374280 actcatagtc tcatgaatgt taagaaggta ctctaccatt gaattaacat ataccttact 374340 ttttatattt agtttatagt aagtatacgg tctctggacc agagccacaa tgattatttg 374400 gttagagact atttcagtag ctgttccttg tgtctcattg atgcctagga aggacatggg 374460 ccaagacagg ttgatcttgt gcaggcagaa gagtctgttc tacaagatgg ggattatctt 374520 acatetggaa eatttattee agtaeetate acagaaagga gacaggaeet acaaegtaaa 374580 gtaatagtct ctagggggaa ataggaagta ctctgtccag ggttatgagt atatggcctt 374640 ggggaaggta agatagattt tataatagat gtcaattgca ctagctgggc aggtgactgt 374700 gcacaacttt aatctcagca ctcagaaggc agaggcaagt ggatctatga gtctgaggcc 374760 agcctggtct acagagcgag ttctaggaca accaaggcta tacagagaaa ccctgtctca 374820 aaaaaacaaa aacaaaatac aaccaaacaa caacaacaaa aaagaaatca atgtctcccc 374880 taaggggtgt ttaaagctct atgggatttg aggaacaaat tattttctat actgaaagtc 374940 tgatcctcct gcccctattt ccaaagtgct gggatcacag gctcccacta aaatgcccag 375000 tctgatgcag ggctgggatt agacccagag cttcatgcat tcaagaacag ccctctgctg 375060 actcagctgc atcagagact gatacgcggt ctttagagag tgtgtcagtt cccactgctc 375120 agaaagaaag ctctgctttg tagaaacatg gggatagccg tagtgtttta cagtacccac 375180 ccctgttctt tcttctttct gtttactaga agtaaggtac taggtcaacc cacattcaag 375240 gcaaggtgat tctgtttcta cctcataaag cccaacaaaa ctaaaagagt tatacaataa 375300 aaaataaaaa taaaaagtag atatgtctaa gccatcgcat gctacaaaaa caaacaaaca 375360 aaacaccaaa aaaattacca cacacaaaca acccatccct taccatttga atatgtaata 375420 aatatataaa tgtatgcaat cccctttctc caggttcctg caagggacac cctatgacat 375480 gtcatcttat cttacaaaat ggccatctgc atgaagacca ggtgaccatg gggtattttg 375540 tggtagctcc ttaaatacac atctacttaa acatccatca actagagtaa aagctgtctt 375600 cttccctccc ccaacacaca cagcgagaca ggcatgggct agccaaatta gttgtttctg 375660 ttcccaaagc aggaaaacaa gaagctggtc cttagcaacg ttgagttcca actggcaagc 375720 gttacagctt tgcagtccaa tcggggaatg ttagaaatgg actggggctc atggtgaagg 375780 attagtctcc ataactcttc ctcagggttc ttagttctta gttcttcctt ttaaagacgt 375840 cctcccagac ctggactcaa ttggtcacat ttcagtgagt gcaaagccaa accaagccca 375900 gccaagacat cacagagtgg agaaaggttt gttaccagca gcaggcaaga aacacagagg 375960 gtatatetaa gttetgeett tetggaacaa aggeaggttg gagagateee teaagggagg 376020 ctatagctgt tcaaacagct ttcatcctgt ttctgagtat gcttagttta aggttcgttt 376080 aaaagactgc agacattttg gggcatgctt atctcatgga acacatgctt agaggattaa 376140 catgatgtct tggaataccc ctgggcattg caccataaat tctcagctgt aaataaagaa 376200 atgacaccat gatagttaat aattggctgg acatggaagt gggcaagaga tggctttcaa 376260 ggaggctaaa gatagcccat gataacgtgt ctctgatcta tgacatttga ctctttggaa 376320 gcacagagtt tagacccctg gccttgtaga ctcttcaaca aatgttcagc ctctcctttt 376380 teetgggaae ttatgtttat aatagttaag atttateeag caeacattte tteecatgtt 376440 ctttgagtcg ggaactttag agccgactaa actttagaac cactttaggc gtttctgact 376500 cagatcattc tctgaagtta tagtgaagat gttggcggaa aagatgtaag gaacggtatg 376560 ggatcaggac ccccaagacc aagttctcag catgaaggag atttatttgc tccaaaagga 376620 ggcaaagggg aagcgggaaa gatatttgcc ccagagggac aaaggactac ctctggataa 376740 agaggagaca gacatggcac acaggcaaat ggaggtttat ataggtaaag aggaaattcc 376800 atgttaggat gaggtgttta attttaattg ggcatgttaa ttaggtgagc caaaggggtc 376860 ttttgattgc tagacttcaa tacttctata gctggacctc agcagtcacc ctcaggagga 376920 ggaagtggtc caataaggga ctagacccag atggctagcc ttaggaatat aatctaacag 376980 tgtttagcaa gggaatgggg aagggtgaag cccgttggag ccagactgac catgctcagg 377040 ctagtccaga gtctcttcag acacttacag aaaatgcctc tggatttgga accctaacct 377100 cacagatgga attcaggtct gggaggagtc tggctctcca agtggggaag tcctgccctt 377160 caaaggcaag gggagctcct ggggctaaga ctgtggttgg agccagcagg ttgcatgtgc 377220 cgcggcacat gaatggctaa gtctgtaaga gaacattagg cttgaggctg ggaaggagta 377280 ggcgcccact aacagctcca tagctattag ggattaatct accacatcat acagcattca 377340 aatcccccat cagctactga cctttctggc tacgtagtgt ttcactgaag tccttctgac 377400 tgtgcggtat ttaatgcctc cagcacattc catccagttc agagaacaga cgggttatta 377460 aatacaccta gaaactctgc ccaaggctct tgtttgtggg ctgaatcaaa cgaaaggaaa 377520 ttgtcaccac aagaacttgg gtgaaaattg agtgctgtct ctgaggttca tgagaataca 377580 tgtacttgaa tcctctccct gtctagccct agatccttca gatgtggaca tgggtgttca 377640 cacatccage acagttaaca teatttgete taagggttge caaaacgetg ataatatete 377700 tttcattcag agatgttttc tattagaata gccctggacc gagctttagg cctgaataca 377760 tatgacctta ttcctcttca agataatttc tgggaacctc aggcaagact gttagctttg 377820 tttacagtaa ggacateeta atgeetgeat eettggeate cagacattaa eettateegt 377880

tgtaatcccg tttggtgccc ttgggaccca cactgtaatt tcatgtaagt ttccttagta 377940 agcetttaag gataataget ttaaaaccca tggaaattge ttetaaggea attttaagae 378000 aataaagtag ggcttgcttt ttgagatgcc catactcatg tactagggta tgtctttctt 378060 aaccctcata ttttaaaaat ctatattagg ctggagaaca ttgttcaaga gcactttctg 378120 ctctatcaga ggttgtaggt tgtagtccaa gccctcacac gatgactcac aaccaatccc 378180 aggggatctg atgcccccag ttggtgttct catgtcccaa cacacatgtg gtacatagat 378240 ataaatgaaa gcctaacacc catagacatg aaataaaaat aaaacctccc aaaatctata 378300 caaaaaaaaa tcatcccata aactctaact ttgcttcatc ctggctggtc ctgaaattcc 378360 cttctatatc aaattcaagg atctggtttg agtcgaggtc cctaaaaagat gaagagaact 378420 cctcgggctg ctaagggcga tggcactgag atccctcctc accagaactg acatctttga 378480 atgtgctaag tcacaggcag aaaacgctcc tctatcctag ccacaacctt tccgtagatc 378540 cacgcgagtg ttctgcgtga ccctgtgcac tctccactcc aggcctttct cagctttcct 378600 aggaaagctc ctttcacgtc cactgttccc ttagaagttg caattatgtc ttgttattaa 378660 taagctattt teetteacea gaataacaae tttetetggg gaaatetgtt geetattatg 378720 ttggtttggt tttggtcaac ttgacacaag ctagagtcat ccgaaaggag ggtacctcaa 378840 ttgaaaaaaa tacccctatg agatccacct gtagaacatt ttcttaatta gtgattgatc 378900 gggggaaggt ccagcccatt gtgggtagtg ctatcactgg gctggtggtc ctgggttcta 378960 taagaatgca ggttgagcaa gccatgatga gctagccagc atcaaccctt caaggcctct 379020 gtgtgaaget cetacetgea ggtaagtgee ettetteagt teetgetetg tttgagetee 379080 tatcccgact tccttcagag atgcaccatg gtgtggaagt gtgagccaag taaacccttt 379140 cctcctgaac ttccttctgg tcattgtctt tcatcacagc aacagtaaca ctgactggga 379200 caggattgtg gggtattgct gcggcagacc tgaccatgtt ttggagagga tcgtggaagg 379260 acttttggaa ctttgggctg gaaaagccat tggctgttca aagcttagtg agccactcta 379320 tgggagcttg gaaaactaag agtggtgaga gaaatgtggg cgacagaggc ctagtttgtg 379380 aatatccaaa gggaagtttg ggtagtaaag actctatcac agctgttccg cgtattttgt 379440 gttgagactc tgtgattcta gtcagctggg gctgaagaat ccgctgtgat taacaagaga 379500 ctggaaccaa tcaaatgaga cctttgctta ctgggacaat ggataactgg tcagccggag 379560 ctaagcaaag agcagatcgc tgaggtgaca tctggaaagt gttttctcaa agtccacagt 379620 cagaagctgt gttccagagg tggtcaagct tggacctcat gctggcagct ggacttgaca 379680 gtactggttt gaaggcgcga agggctcata aaaagcagct gaggcttggc acagagagag 379740 gccactggag aaagtgcaga ctcagcacag ttgaaggccc aggtttgaag aggtcaaggg 379800 gagaagttga ggcttggcac tgtgaagaga gtcttctctc tgttggtgtg cttcaccaca 379860 gcaatagtaa ccctgactag aacagccgat aagtgccagc cttttgacaa ttaattaatt 379920 cacatttgca taatatgcaa aaaagttatt tcttaggaaa gaggataccc ttctaggatt 379980 aaattcatca ctgcgaggaa aacatcggta ccatcgtgac tgagttttct ttctgtcccc 380040 atgaagtttg atggtgttaa gatttttcct ctgtgaacaa cgttcaaatg tctgaagacc 380100 tgtgaacaat tcttagggca aagacgtcac ctgggattgc tgaattcatt cacacaaaaa 380160 aagtcaagag ccaagatttg ggcctgaggt aagtttagaa ataacaactg tggccagggc 380220 tggacgagcc attagtgtgc tgagcacacg tggcaaatgg ctaagtcgag atgatcctac 380280 ttcaagatcc tgaattttat taggtcatca aagactccat aggaactctg cacttgcctt 380340 acagcagttc attcattcaa ggaccagggg agggtgtact gagatccctg ccccacttaa 380400 ctggggagat aatgtggctt ggcaatcggg atattcaaag gacatctgtc tgattggctc 380460 tagaccette ggggaatttg etggggggtg ggggtggggg agatteeeag tgttgttett 380520 ttcctcctgt ttcacggtcc aagctgatgc aagctgtgtc ccaccctttc ttactacagc 380580 ctcttagctt tcagggagct attcagctca cagggatata cctgattctt ctgtaaagtc 380640 cggacttctg gatcatgttt ttatacacca tcttgactca caaggataat catttcccct 380760 ggcattcaag gtgtctgttc ccaagggctg tctttcaaca gcggtgtcct tgggcaatga 380820 aacgaatttc tgagtctctt tgttctgatg tctgtgcttc cttaatgagg tcatttaaaa 380880 agatcacaca agaatgtctg tccgtctgaa caggctaggc cgacctgtta ccacaacccc 380940 cttaagactc cacagettet ettggtgetg tgtgeteaca acaaagteee gagetteaeg 381000 ctcaccaaca ggtctgtgga gcagccttta gctggaatgc atagcgcatg tgcaccaagg 381060 acagatgtaa gaattgcctt tatgtaaaaa ccagttcctg tagggtatgt gtttagatcc 381120 caaccatgct gaatcataaa atctttcggt ctcctagttt catcatctgg atgggtcact 381180 atataagttt actggagaaa tcataacaaa taatcataaa cttgactact taaaatagca 381240 taaatgctca caatttctgg aggtcagaag tatagggtta agatgctggc aggccctcca 381300 tggctctaaa agagactgag ctttgcttct tacagcatct agtggctatg acattccttg 381360 actattggtc ccattgttcc aacctctgac ttataagata tttgtcagtg aagcatttag 381420 ggcagatctg gataaaccag gatgacctca tctcaagatt gttaattaca gctttaaagc 381480 cctttctttg aaataatatc atagccatag gttctaggaa ataggacaca agaatatctt 381540 tggagatcag catttaacct actgcagtta ccaggtgagt aggtaggtca ctggatatta 381600 tttaaaatga gattggcttt atagataacc tttttctttt agtgaccaaa gacttaattg 381660 acatccaaat attaaggaac acacagctgc caaatttccc agtgacgtgc tggttcacac 381720 atgtaccaag attgacatgt tggtttgcac atgtgcacat atatgtagga ctgacatgtt 381780 ggctcacaca tgtgtacaag tatgtaggat tgatgtgttg gttcacacat gtgctatgtg 381840 tataggattg ataccattgt tccccctgag gttactttca gactatcaat gtctctatca 381900 tacaaatgaa cactaaagta tgaaaactcg gattttttca catctgacca aaatggaaga 381960 aggggaactt ttccatgtaa ctctggacta aggctttcta ggaaattctc tggggcagtc 382020 tgtacccaaa agacaaagtc attatgagag atgttccata agagtcgttt taattcctaa 382080 gaagttttgc ccatgattaa ttatgtttta gaataagtta tacttgcttc tgggctttgg 382140 ggaagaatta gatgtaattg ggtgtctagg agggaaatgt caacctagcc ttctccgctc 382200 ttgttttgtt ctccctggct cttgataaaa gttaatgagg cacacttttc ctgttagcac 382260 acgtccctgc tcttggtgta gaaatacact gatgctctat gccccttttc tgtcatgtga 382320 tgaaggccgg gcgactagaa agagtggtaa tttgttgtca tggaaatgag ctaacacaaa 382380 gcattgggtt tgaactttgc ctggaaatcc ttgggaaagg tgagggagag ggtaatacag 382440 ctgtaccacc aagaagccac tgtgctcaga gagacggggt aaggtgctgg gtgggctttt 382500 ctatgcttct tcacacttga atattctgag cctacactga tcatgaagaa gtggccaagt 382560 ccctgtgagc ttttccctcc cctgagtgca ctgttcagta ggtttagcat ccaggttctg 382620 cattlcttgg gtaaatatga ctccaacctt aataaaaagc cttaacctgg aggcattttt 382680 agcageteae titaettiee acagitaeat tagetgeage tietaatgat gietigaata 382740 ccttttcgat ggccctaaat gacagagctg tcccccttga ccatatctgg attattgatc 382800 ctgactgtcc ctcccctcc agcctttaga tctcattcaa tctggctagt tatagtaagt 382860 catccttgca gccatgatga attgatccaa aggtgaactc gtgaggatta ccaaaccaat 382920 cacggttatt tctcagaacc tttcagatga gaacttaaaa aaaaaggtag tttcattttg 382980 gtggggtagg ctggcctctg gatatggtca tgtggatcat gtcttcaaag aaatcctgtt 383040 aagagaataa atgtcataga acaacagaca aaagatgtaa agaggagggg gtgttgagat 383100 ggcacaggag agggacacat actgtcaaac ctggcgtctc gagtgctgtc ccttaaaccc 383160 acagagcagg agaggaagtt ttcctctgac atccacacat ataaagtagc ttgtcctacc 383220 ccaaagtggt ttaattataa agatggaaag ctgctactgg ccacaaccaa gtcctgagct 383280 geettgtete catggteeag etteaettee cacagteetg agateeacet ccaacagace 383340 cccattgctg gactccactg ttgatgaatg ggcttcttga gtcttagctg atgggttctc 383400 tcacctttgc tgactgggac gagagcactc tcagtcaagt tgttggcgtc ttaggaagct 383460 aggggtttgt gtgaccaaag gaaggagtca caaagccctt agaataccct tgtgttaaca 383520 tgaggaggca gctcagtgct acagtgcttg cccagcatgt gtaaagcctt gaggctaatt 383580 cccagcaaaa gacacacaca cacacacaa tacacacata cacatacaca gagagagaa 383640 cagagagaga cagagacaga gagagagaca gagacagaga cagagacaga gacagagaaa 383760 gagacagaga gacagagaca gagagacaga gacagagaga cagagacaga gacagagaga 384000 cagagagaca gagtcatcca tccttaccag gccaaagctg gttattacac tcgtgctggt 384060 aaaaaggctg aagcaggaaa atcaagagtt caagttcagc ctgggataca gagcaatatg 384120 ttgtgagcat gttattacag aaacatagat gacattgtgt ctctccacaa tgtcagaatg 384180 cattgagtaa aaatagattc acaaactata tcacttttgc tgtttgcaat ttgccaaata 384240 actcccagtt tcacttggta gctggtagtt ggctatcaca ggttcttaca tcctactctt 384300 tactattata ctctatgatc acacattatt ctttatataa gtatgtgtgt gtgtatgcat 384360 gtgtgtatgc atgcatgtat gtgtatgcat atatgtgtgt gtgtgtgtgt gtgtgtgttgt 384420 ttgagttcat aaaggttgtc ctgaaattga gacagagagc taatacaggc acaagggaac 384540 gtctgtagca ggccatgtaa gaagtcttgg aagcatcagg cctaagagct gttcaagcat 384600 aggtggtaga tgccatttta agggtctagg cacatttggt gaaaaccaaa atttagttct 384660 ttgattcttc tggttacttg tctgaggaag atggagtcaa ggagccgagc cccctgctgg 384720 atttgctgtg agggctttaa tagaaaacaa gagaatgatc tggaaagctc ttggaactgg 384780 ctgggccgga gaggggagg ggtagatccg acagccaatc atggaaatgg gggaggagtc 384840 gaacgttggt cgtgcttgtt agaaatctac tcagtggaaa agtgagctta gtagatttat 384900 aacatctgtc ctaatgcatg ggtatatcta gaattcccat tctgcctgaa agaatgtcct 384960 tgtatggtgt gaacagggca ggaggttaca tcttactgcg ctgatagaac cttccaggta 385020 gtctaggtct atttcatcta acatcacatt cagaaatctt cagttagatc ttagcttcct 385080 ctggggaaca atgtactgat ccgcaggcct tcaaatgctc atgtccttct gaaggtgctt 385140 tetgeatgea gegggeaage tgatateece accageetet tgaatgtgat taacaggage 385200 ctgacttgaa gatagataaa ttgctggcat gctgacaagg tcaggttttg actttgtcta 385260 atcatcagaa cactggggtt ataaatttgt aagataataa ataacaccaa gactgcatcg 385320 ttagctaagt cagccagcca atatttttgt agcagggtat gctgacatag ctatctgact 385380 gagaaggcat actgaacttt tctctcaggc gcattctcaa gtacaggagc tagctctttt 385440 gcagtcatct gtctgtctgt ctgtctgtta agaattttcc ttctgttctc tctttctttt 385500 tagacagggc ctcgctatgc agcacccatg ggccggaatc tcactttata gtccagactg 385560

gccgttaatt cgttgagatc tacctccctc tgactcccaa atgctgggat ggaaagtgta 385620 cagcatcgtg ctttgtcaca ttttgaacct gaatacaacc ttgttgggga aaatcattat 385680 agcaaggtga aaacattcaa ggttggagat aataccaaaa gtgtcgaccg actggcgaga 385740 tggctcatcg gctgagatca ctgactgctc ttccagaggt cccgagttca gttcctagta 385800 accacatggt ggctcatagc catctgtaat gaaatctgac gccctcttct ggtgggtctg 385860 aagaaagcga cagtgtactc acataatttt ttttttctta agtgttgatg gaatgaatgt 385920 gggggggtcc ctgaaaaaaa atcatacctc atcggctgcc tctcacagga gagaagtatg 385980 tgctctggag cccaacacta gatttccata gaggccatac tctgtcctaa gcagggatcg 386040 agcccagtaa gaatgagaca gcctatccta ggagacagag gactcctctg atgtctgcct 386100 ttggcctgag acttcccatc agtcttggca aacctctgct ggattgtaca gtagtctata 386160 atgctcctgt ctggtgtttc tccccgattg gcttcttggg gttgcggttt gactgtgctt 386220 acttattaaa gtttgccctg gcatctgttt ttcaaatgcc ccagatgagc accatgaaca 386280 agccctgctg aaatcccaac acaacagaga agtagactca aggtggggtt ctagaaaacc 386340 agagagetga tagttaceca ggeatgatea gtgaaggagt gggatgeagg gttteeccae 386400 gttagacaag gagcaacagc agggagcatt ttctggaatc tagaggcttg gggaatggat 386460 tgctttatag gagttagaga gtttccataa ggattgtagt gaagtggaaa cgtaagagtt 386520 cttcggaaag tcggttggat ggtgttttgc tggggcaaac atgtgaagga atgtttagct 386580 gaagtggaca catgaaaaag aacgttctgc taaagcaaga aggtgaaagg acatatgatg 386640 aaggatteet caetageaaa geatgtattg gteeacette etttgtgtag ttgagetgea 386700 tttgtcaaga ctccatagag agaaacatgc cgaaaaactt tgggtggtgt gctgcagttt 386760 cttgccaatt ccaaggactt gggctgattg gcagagtggt gtcagctgag acagacacat 386820 gtgctgaggc gagacctgtg gaggacacat atttgcaggg agtataaaaa ggactcaatg 386880 gacagtgatg gaggctgagc taggcttgct tatagagcta gctgtgcaat gcttgttggt 386940 cttgtgtctc cactgtcttc actgatcttc actttgctga gagaggcaca gccaagaact 387000 tetgecatee etectactga ettgtgecaa ggetgaggee tggetgtete tgetaggtea 387060 tgccaccgct gctgattcct gtttgctaac tctaacttta ctgaactggt ctgctggtgt 387120 ctcagttaaa gtgcctgtga gtggatcagg ctgctgtagc taacctgtga acagaactgt 387180 caatttccag acgacacaga tgggagttgc tccaaagaac ccctctaaac aggtccactg 387240 cctttgtatc ctttcttttc cactgcctat ggtgggttgg tgggttgaaa gggaggttaa 387300 agcatttaat aaccatcatt aaaaatagac tttgaaaaaa ttagagttat acggtaacca 387360 taggcaggtt cccaggtaac aggaactcag cactctaaat tcactagtct gcccccaccc 387420 aatccgaagc ttactggtgt tgaactcaat tggaaaccga ggggtttgtg ggcatgttga 387480

aagctcgtgt gtgtcccaca cagggaggat gagagtggca ggactgagag gagatgtctc 387540 cagacaaaag ccagaaacca gctttggtgt ggtggcagcg agccttctgc ctaggtttgc 387600 cagaagcaac aatcctaaaa gaaaatagca agtcagcaaa ccaacgagca gtttccttcc 387660 aaggatetge tgetteaggg eegaagegeg tetgteagee atggttacae tgageeetet 387720 gcatctctta gcctcaaact cccccaagtg gcagcttcat cctccagcta gtccacctga 387780 tcccttctga gtgctgtact cggcgtagtc agagacagga cagccatctg tcctgtcagg 387840 cttcacgcag gagggagaaa acctctccag aacatctcgg aagattctta ttaacagcca 387900 tggttgtgag aagagaatgc tgaacaagcc ctgggttctg ctggaaaggg aggagcctgc 387960 tacacattcc cccctttctt tcttggcgga atctttttat gaagtccagg ctggctctga 388020 gtgtaccctg ccttctctgt gctggtttag aggcatatgc accctacccc acccacttca 388080 tttaacttca aactacaaac tgagttagct ccctgatgca tacgtcggat tactacatca 388140 ttcttctctt cgtagaaccc tgccaccctg gcatacagtc agtaccattg ttctggaacc 388200 ccagtgagac accccagtct ccctcctctg ccgactccct atctgtcttt ataatacaca 388260 gtcacgccct tcccacggcc gttcactttg tgggttcttt catgaccttg gtatggagag 388320 ccctgcatca ttggccttcc tcagcttgtt gtaggaaata ccacatgcat gtgacatccc 388380 gggagccttc ccatggcctg ctgtgtgctc catgacagct tgtgtttgtc tgtagggctt 388440 ctgtgaatcc caataacctg tcttctaaat agtctctcct ggtttctagg atggaaggag 388500 gagectgtae ttattgaagg catggetgga agectgggte ageacteage ttetageaat 388560 caggcagcct gggatggact cttcttggct ttgttgttgt tttctagtga ccctaggcaa 388620 gttatttaac tcccctgcgt atctgtgtcc ccacgcgtca gtaggaacct aatattaaca 388680 acctaatggg atttatgatg aacgtcaagc aaggtgactt atgtaaagta cttagcagag 388740 cgcctggtac agggtcattg cacagtgagt atttgcagac tgaatggtga tgagataaaa 388800 tatgtttaaa cagaactgag tcttttccac tattctggag tgccacatta tgccctaata 388860 tacttgcccg gatagaggtc tgtcaaggcc aatcttttct atgtgactgg gaaggggaaa 388920 aacgtagctg tetgetgate tectageace gttaceaact gtgatgetge teagatetge 388980 cactacagat tgagcctctc aactgtgcca gcaattaacc atacttacta agcagaaagg 389040 caggtttgag agcagggact cgcttcctgc cacacacact tcagtctcat ccattagtca 389100 gcatataaac agcaaataca ttagccttca aagaacctcg gaggatgggt ggcacttact 389160 caagaggaac aggaagaaag aaagattacc cagataatgg gaagaaaaga gaagtgggag 389220 ctcaatcaat agaggagggc agtgtgggca catcggtgag tggcagcaga gtcttgcaag 389280 tgttttgtca cagaagtata gaaccaggaa ggaattttaa atcctcttgt ttgaagaaac 389400 tggagctcag aaagggagtt ttgaccaaag tcacctcatt ggtcgacacc cccagatttc 389460 tcttgcctta ggctgtacat ttcctttact aaagcggctc ttgaagagtt tagactattc 389520 ggcttcttaa agcgacactg aggtagctta ttaggaaagt ttcgtcatgg gtggggagga 389580 gagagaataa tgggtgtgga gaacagggac tgagaaggga ggaggtcgct gggaggaaag 389640 tcgtcagcct cttctaatgc tcccttcctt ctgtagagag cctaagccat atattcatac 389700 tgaagggtga atgacgccaa gccattctca aatggtgtct gctaggaagg gtgtgtggtc 389760 ataaggacaa gcttatgaag acctctctct aatcccatct gcctcagtgt catgccataa 389820 cttcaggaaa actcccctac caagggaacc acccagaaca ttctaaaggg acgattctta 389880 agatatttgg ggacaggtgc cacaccatga ccctcgtctc atgcctcagt tattcaggct 389940 aaacataatt cattettet getgeteeca eccagtttae eettgttgte etgeteegga 390000 tgagtggcca tctgtccctg tctatttcaa agaaccatga atggtacatt taagaccagt 390060 tgtgcaggaa gcttgggaca gtcccctccc actcacccac ccccatggtt cacgggtaag 390120 tttctattaa cagagtctga gtaacagggc ctcttccgaa gctcataggc aagcagctac 390180 caatggacac tgagctgcac agaagtttgc gctgaagagg gcttcgccca gtcatcaacc 390240 cacacatcca gttacactgg agaagaacag acaaatatgg gagaaagcat agcagttgct 390300 gtcacattcc aagccagctc cccacgcatg ctcataagga tacttccctt ctcccagatc 390360 tgaaaccaca gagtcctgtc tgaatatcct ttctttcata cttataccat tgtgttgctt 390420 ttattctttc tatcaaatcc atcccttccc atttcctcct gtttccacac tcactaccat 390480 ctgaagagtt gctcacattg atgtcttcct tcggctgctt tacagggtgg atccagaact 390540 ctgcattggc cttaaacata cctttctgtc gcccattggg gttgggctag ggatgtaatc 390600 cgtgttctga ctgtgttgct cctcaggaga aagaaggaac ttccaattct accttcgtga 390660 ccttttattt ccactggctt cageteggte etgetgtetg teacttetee aetgtttgca 390720 tcgcatcctg tatctataag actatattt tgacatttaa gaaaaatgta agcatctttt 390780 tttcccctga tattttttt ggttttgttg gctgctgctg ctgcttcttc ttcttcttct 390840 catctacttc atattacatc tacctctcca tcctcttaaa caaattcttc ctcctcctct 391080 tetgteetee tettetteet eetettette etectettet teeteetett etteeteete 391140 aaggteteet gttgteeagg etgeettaaa aettaggett atteteetge etetaettae 391320 ctaatactgt aaacaggtct gcaccaccat catgcccagt ttagagaatc tgggaagcaa 391380 acccaggggg tetgaacacg taggcaggte tactetgeea ategagetat atecacagee 391440 ccctataaaa gactttcact tatttctttg aaacatcacg tctgcctcta atccattcca 391500 cacagageet aactggteee tttaaaaata ataattteat ttteagagae tetetteet 391560 aaaaatctct agatatcaaa gcattcattt catcagggac gatgaagtca tcttaactta 391620 ctcaaagctg atcttcctaa ttgatcaaga cattcttttc ttctctactt actagaagag 391680 tcattagaat ccttctcctg cccttaccac caacttcccg agactggctt gggaaggtct 391740 tetteageet geaaaatta ettgtaaggg ttgggetttg atggteetet etetetgtgt 391800 tettgtgtag tgtaccatat ettgteggte catacatgca ggeeetgttt eecgaaatgg 391860 actgtgagtt ctgtttatgc tttgattttc ttgtttgtgt gtgtgtgtgt gtatgtgtt 391920 gtgtgtgtt gtgtgtgtt tttcttaaat gactggactc tgctcccaga gtggaggcag 391980 acatggtttg caggtgtcct caggtcagag aggagatgct ataggctggg gttgtgctgg 392040 acaagcagag cccaggatgg agaagtgtgg gaaggcattg ggatacaggc tgcaagttgg 392160 aacagggcag actgttcaga gccgtcgtgg ttgaggaaat gctcctggga actgtcaggc 392220 ttgcttctgt gcaggatcag ccattaaaac agaactatgt gtgtaatcgg cattaatgca 392280 tagagaggca aaagcataaa tcaaagaaag gctgcctaat cccgtgttga aatatcacat 392340 taacaagaaa tttctatggc ttcctcagtc tcctacaacc agttttatat taaaaaatacc 392400 agettggcaa ettteeetta aactatgggg tetettgagg eatetttaat gtegtaetta 392460 agccagtgtg gaaaggaccg cctttgctac acatactggt aagacagcct ggcttacaaa 392520 tgtagcacat ggaaacacac agataccact tggggacttg tgcagattag atccacagga 392580 aaccttgctt ttttccccct ccgccccac cgagtctgag ggacaagcct tcttgccaca 392640 gctgcacaaa attaacatcc ggctcctgcc aagaaagcag gtgacaagct caatgggtct 392700 ccttgggttc gatttttgcc atggcaggaa cgtggacatt ctgactaggc atttgtctgt 392760 acgtgggagc aaaaaaaaga aaaagaaaaa aaaaaaaaaca ccaagacaaa accaaaacaa 392880 aatccaggtg ataggagcaa gggcagcttg cattcgccca agcgcatgga aacaagctga 392940 ctcacgaaaa ccagggaaag agcggagaat ttgtgcatgc atggtgtgaa tcctctaagg 393000 aagaaggcaa accaccaatt ccaattaacc ttgtgcgtta taagcaaatc tgagtatttt 393060 gatcaggagc ttctgaaatt gatctgtatt gccccatgcc ctgataactg gtaaactgca 393120 tcagaagtga gacacctggg ggttaggggc agaaagcccc ttcctttatg gggtacaact 393180 gcactcatgt ggtttccctg ttgggagctg tgggtattct agactgggcc gaagggatct 393240 ttaccaccca cgctgccacc cagcgtgcct gttttcaggg ctttacacga agagggatat 393300 tcatagttct ttgtattcga gaatagacaa tcttactggc ttgcagaatt tcaagtgcta 393360 gggtggccaa ctgctgcttg ttaattgttc aggctgggag tgggcatctg ttgggtttta 393420 gaaattcagg ctgggtgcca cattccatta ctaatagtgc ccagtttctg gttctgtgag 393480 gcatgagact catecetete ettgaagaca atetaatatt aaceteacea ggteeectee 393540 ttttcctcag acaaagagta ggtctgagaa tcacagcacc catgagttcc tcccctgtgt 393600 ttcgggtcct gcttatttgc attctgattt tgatttttgg ttttctgaga cagggactct 393660 atgcacccaa ggttggccta gaactcagta tgtatccagg ctggcctcca actcagattt 393720 tttcctgcct cagcctccga acgccaggat gacagaagta cacggtcaca ccgggtgcat 393780 gtttagtact gaccaaaagg gcaaagatac tgaacaccag gaaatgcatc tcacccacca 393840 tggtgtccca gcaaataaag ttgggtgttt ttacaatacc gagatcctta aggtcgcttg 393900 gggtcaggct gggttttcca gtcatctgcg tgtttgacct cttgagttta ttttcttagc 393960 tttcctacgt actttcaaat ggtctttcaa aaacagctga cgttgccagg agtgtgcttg 394020 ctacccgtga ccaaagcact ttatttcatg cagattcata tctgttaaag tctctttgat 394080 agatattcaa aataaacggt gactattgtg agcccagtag gttgggttca caatacatga 394140 atgttggttt ataaaactct catgtctttt ccaaggctca ttacttaaca ccatatcttg 394200 tegteeteat etteteetge ettgaagtee atettatgat taatttgttg tteattttaa 394260 ctctgttctc aaatagcccc tatgtataat aaatgggtga tgcattatct acagccctga 394320 ttaccccaaa tataattcac tctgtcaagt ctaaaaacgg gatgccaagt ttttagttgt 394380 gttgtttttg gttatacaag atatatgtgt atttgtctaa cagtattaaa gaacaaaggt 394440 aataatgtga gaagaacaaa aatacagtaa aatatcaaaa gtaatggggt aggggattag 394500 gtcacgtgca gagcctttag gcaaatggag ctcccttaca gaacagatcg tatgtgatac 394560 ttctgctctg tcgacacaga agattacaga aaaaagggag gcgtgtcctc acattcaatc 394620 tgctgaggcc tttagctacc ttgacctcgg gcttccccac ctccagaact ctgagacgta 394680 acactetgat geetageatt cacetageet etagggtatt ttattttttt taatttattt 394740 taatttatgt ctatgtgtgt gcctgcttgt ctgtatgtgt accacatgtg ttctggtacc 394800 tgtgtaagcc agaagagggt gttagaactc tctggaactg gagttacaaa tggttatgag 394860 ccacctagaa ggggtcctgg gaactgagcc caggtcctct gcaagggcag caggcactca 394920 cactettaac tgctgggcca teteageage etceaacagg tggactaaaa accagagatg 394980 cagggaaagg catgtggact caggaaggaa caaaggtaac tgaacctatg gggctttagc 395040 taagtaatag gecatgitet gitteetaca attiaattaa tieagietta acagittigae 395100 taggtatatg tcattaacac aagtaacacc cataattaat gaaacagatg gcttacactt 395160

agtcaactca aagcggggtt attaaagttt tatttgaact gacacatcca tgccatcaaa 395220 gcaacaatta aaagcacgtg tgagcaaaga ctgctctgat ggtttccctt tgatgaaata 395280 aatatctaaa atgaagcctt gtcttgtacc cagaaattca tctgaaattt tgtgtcaact 395340 cctaaaactt gaaaaatgct gctgcctttg tgctttgcct cataattaaa aaaaaaaaa 395400 acccaaaact ataagataga agcaaaaaga aaattgtcta cttccttatt tttattccta 395460 gttgtgtaag ctgaaaacat agtgcgattc tctgaatata ttatatggaa tgttggagtg 395520 atgitttata gettgaaaaa gggteagtga geacatteae aaaggeatee agtageeatg 395580 gttggtcaca accttcactt tgttttaatt ttgcaaagaa atgtgaagat ttaaaaaaaat 395640 tgtttatgtg gtgtgtgtt atgtataagt gcgtgtacct gcagagacca aaagagggtg 395700 gtggccatcc caagactgga gttagaggtg gttatgtgct tggaacagaa cttcggtcct 395760 ttgcaagaac agtgcctgct cttaaccact gagatatctc accagttctc agacagagca 395820 tttttaaaaa gcacatttaa aaaaaatatt ttaaaaacgt acagactgtt ctcagactca 395880 tgaaccttct gcctctatct cttccacaaa ccctactggc atactggcat atttcatcac 395940 agtcagaaaa aaaaaaaaa aaacccttaa aggagatccc gctgataacc tagaggatta 396000 tttcttgaat tatttcctca ttcttctccc tccatcatat ctcaaagccg acacccctcc 396060 aagaccgttt ttcctctatg gactgtgctc agctacccgc caaattcttg gatgcccaca 396120 aaccetttta aatettette atatteecee acceeatttt tteateattt taagtttett 396180 tcaagaaatc tctggcacat ttctcattct agacagctag ctgtagtcag tgggaccatg 396240 acatgactat caaattaagt agagataatg tcgataaact ttgaagtttt catggcggtt 396300 acgtgttgga aaaagaggca aattagttat tgatatacaa attctacttg gaatctttat 396360 ttgaaaaaga tgtatgaagg ccatttttat tgataaaaac aggctgcttt tgaagattca 396420 ccatcacatt agcataagaa aagctctgag aagtgattga gaaacaaaga attttatttc 396480 tttcattcca tctaatattt ttcccaaatg gatctcagaa tgaattcttt tgatcatctc 396540 ctatcctctc acatacaaaa gcacccacga aacacaattt gagcaataaa atggctttaa 396600 atagtaaaag acataacaaa agtaattaga ggctatcata tacacaagtg tggatggatg 396660 gtttcctggg gacagtagtc gtctgaatga ggtctgcatt ttccatatgt catgtagagt 396720 attatcattt cctaccttgc cttatgggcc actgtcaaca tgtatggttc acatttaaag 396780 aggctacatc caactgcttt ggatagcact tctccttgga tgggttttcc taaggtgttt 396840 tgtgttgcta tctcccaggt gtcttgactt gctttaaaca ttagccagtg ccctgaacta 396900 atacggccat taacttattc actgttctgt aagaacatgg cccatgatga aaagggtgtg 396960 actggcgtaa atggacttgt cettagetat tgtatgtgag caagcactca ggtgatgtgg 397020 tggtttgaat atgcttggtc caaggagtgg cactattagg aggtgtggcc ttgttagagt 397080

aggtgtggcc ttgttgaagg aagtgtgcca ctgttggggt tggttttgag accttcctcc 397140 tagetteetg gaagteagte tteteetgtt tgeetttgga acaagatgta gaacteteag 397200 ctcctcccac aacatgccta cctggacact gccatgtttt ctgccatgat gataatggac 397260 tgaacctctg aaaatataaa ccagctccaa tgaaattaat tgatgcttga tcatggtgtc 397320 tcctcacagc aatggaaacc ctaactaaga catgtggtaa ttctgggggaa gactctgaaa 397380 acagtgattg gagctatata tgctcatgta acatccaaaa tctcacaggg attcatggtt 397440 aggaggcaac aaagaatgaa tagtttacac agttcaaggt gtcagccaga cctgataata 397500 tttgggaatt ttccagaagg ttcctcacca acagaaagat agcataaaaa aagattttag 397560 gcaaaaaacg aaacagatta ttggcatcta atttactttg aactattggt atttggatcg 397620 atactggatg tgaagattca agtctattct ttgagtttgg aattttatca cctcttggcc 397680 ttttggctaa gatcaagtgc aaagtttgaa aattatggtt tgtccaaaat ttatctcaac 397740 ataaactagc atttctacct aaagacattc aacttatagg gaaaaaaaaa gtatgtacct 397800 aaaaaataaa tttcaggttt ctatgttata tccaaaggtg gtaaccatta tccattaaac 397860 atttccaatt ctctatctga atgaagctag gattgcgtgc tcctcccact ttatggtaac 397920 tgaagacatg tgaccagctt tggctacgga agtatgaaag gaaaaaccac atggcttcca 397980 ggcaaaaatc ctaaggacag atacataatt atccatagag tgagcaaaaa attaaaaatt 398040 actettteat ateatetagg gttgggagtg ettgttaeta eagttttege taaettatte 398100 tgattggttt accacaacag aacattaata gtccatgaac agcatacggt agaaagttta 398160 gacaaaaaga aaagatacaa atggcatatt aaacgtgcat ttcaaaaatat tgttcagtca 398220 ttggcaaata tatgtgaaat tatgttattg ggggtatact gagccttaag aaccttaaaa 398280 ctggaggaaa atactttaaa aaagaatatt tagtatgggt attgtgatag tttgtatatg 398340 cttggcccag ggagtggcac tattagtaag tgtggccttg ttggagtagg tgtgtcactc 398400 tgggcgtgaa ctttgagaac cttgtcctag ctgcctggaa gccaatattc tgctagcagc 398460 cttcagatga agatgtagaa ctcttagctt ctcccacacc atgtctgcct ggatgctgcc 398520 atgttcctgc cttgatgata ctggactgaa cctctgaacc tataagccag ccccaattaa 398580 atgatgtcca ctataagagt tgccttggtc atggtgtctg ttcatagcag taatgcccta 398640 actaagacaa gtatattgat agatggatgg ctatgtgaaa tgtgacatat ttattccaca 398700 gaatattgct cagtcttaag aataagggac acattgacat atgttgcagc atatgaagat 398760 attttgctat gtgaaataag tcagtcgcaa aaatgtaaat accatgtagt ggagttaact 398820 tagaatagtc aaaattgtag agacagaaga cagacctgtg gatgtcagaa cctgggagag 398880 agggaacgtg gagtgtttac tgggtataaa actccagctt cacaagatca tagggtatta 398940 tggagacatc ctgcacatgt gctcagagct gaccactcag cagactgtat gtgtgtctga 399000

gaccataaaa agtatagaat aagaggtgat gagtttgaga gggatgggga tatgggagga 399060 actgaggggg caaatgaggc agataccatg atcatatatg gagtatatga ttgtgaaggc 399120 gtggagatga acactggcca cagctgctca gtatatgata ctgtatacca tacaggaact 399180 accactgttc cattcaaata ggtaagatgg taaactttat gttatgtgcg ttttgctgag 399240 atttaaaaaa ataggggaat gtttttgtgg gaagagacca aatactctat ttttcccttt 399300 ttggggtaat catgcccttt ctgggcttga agagtacctc aaatctctcc tttgagaaat 399360 gaagaaagca agtgattcct ggtgtctaga tgatattctc cttgtcccca agaggtcacc 399420 tgatggccag acaggagccg tcatcgtgca acctctgccc ctaagtagag ctgtgctcta 399480 gaagttgcag ggcttatgtt gcagtttggc gagataccac atccgttctc ctcctcctcg 399540 tggaaacaaa agctctgctc agagcaaaga taaaccttca ctaaagcata gagagatggt 399600 aaacagcctg atgaaaccct gcagccacct tgcaaaaaat catggtgtct tctttcaaaa 399660 catgagcacc cagaatttgg ccagtgaggt gtggctcact ggtaggtgct tgccttgcat 399720 gcaggagacc ctggatgtga tccacggcgc aagtcagtaa agaagtacat gaacaaatcc 399780 catattcccc gaggaaatgc cacattcaac atccagettc ctgtgtgtgt gtcctcatct 399840 ctcatgacaa gatggcacct gtgatctctc tcctgctgtc cttgaagata aagaaggtga 399900 cagggaagga aagcttcacc acagggagct cctctctgag actacaatct tcccaacagg 399960 gtaggaggga gcacaattat ctgcaaaggc tgcaattagt agtgtcagat gtaacctttg 400020 ttccgccgtg agagtccaag gcacctgcgt catcccctaa gatctactgc tctgtctatg 400080 catgacgaag gttttgtccc tctgtgtggg agcctgtgct tactacatca catgcctgtg 400140 ttcccaaagg acccatctca ttccaagaca gtgatgcctt gacacagaag gagacaaagg 400200 tgtgtgactt cccttttgag ctgcctctca aatttcctgc cagattccaa tgagaccacc 400260 acgtctggag tacatgagac aaatgtggcg ggggggggg aatccacttt taactttttt 400320 actgtggagt aaaaccttca aaatagttca aaatagtgga aaaccttcac ctgcatacca 400380 tgctgtgaca ggagtacagt gagacattca tgtacacaca gtcaggtgca tgtaagtgtg 400440 ccagtttgac tgggaaatct tcatacaaga cagcatccat ctctgcagga tagagcattt 400500 gtgtgtcggc cggggtgggt atgcagaagt ggaatccaca ttttagcaat gcttttttct 400560 tttttcctcc tgcttcacag tcaactgcca tttttaaaag catctgttct gcaagccaaa 400620 gagggggaag gggacatata ccactcactt gtaagtgctc agagaaggag ctctggagaa 400680 acgctgccca cttaactcct cttagctctg tgaatgatta cagggtttgg gctatttctg 400740 gccacatctc cttgtctttg aaaaaaggga agtcgttaag cagagtgggc aattgtacat 400800 ttgtacattt agtaattcgc cttgagtcag aaagtctaga cactcccctg gggatatgaa 400860 acagcatggt gtgtgtttct atgaccttca agactctttt gtaacccaaa aggcattgag 400920

caaccagatc tcaaagtaag tgggctccag agctcctggt taggacatgg gaggcataga 400980 gaaagtgcac tgagccagta gctggacaca gccagtcctg ccctgagcag gggaagccac 401040 cagagetatg gateaggeag ggeteagtee catteaaatg ceattgattt cetateacaa 401100 caacctgaga atttgacctg ggcctctgtc ctttctgctg agcagcacaa ttcaaagagc 401160 acgtatttat tgggtgctgc caggtgcggg ggacagtaac acctgattct cttgcgcttc 401220 atggtagcac tgtgagcaga atggagagca ctggtaggtt ttagggatcc tgtgcctccg 401280 ttgctttttg ttttgttttg tttttatttt gctgtctttt accatttgcc gtttcaaggt 401340 gcatcacaga attaacaagg acgtgtatgc atcacgtcag agtatacact ttcacttctt 401400 tcgcaatggc acataaatta gtggtactag attcagtgag gaaactgagg cagagatgtg 401460 gaaactgagg tttgggggga tgaaatgatt cactcaacca ggatgtgttg gagctagaac 401520 tggaattgat gcaatttctg gaatggagtg tcttgaaagg atttggactg cctgggtttg 401580 ggacttactg ggtttgcagt ccagtttgtt caagtgctag ctagtcttgt gacttcaggc 401700 aagccttaac cttcccttgt gtctttatta atggtgacaa caataacagt aactaatcca 401760 cgggattata atgggagcta aataaggtag cacacgacct tgggctcatg tctgacatgt 401820 ctggaaattc tccactaaaa tttagctgtg attagctttc acgtgttttg aagaaaggca 401880 actagaaaaa agtgcaacta aagagtgtgt tcaacaacaa catctccttg gccctaaaat 401940 tatcttcatt ccaggagagg taccttaggt ggattttggg gaaattattt tttttgtttg 402000 tttgtttgtt ttttgttttt ggtctgtttc ttcaaaacca agatatcaaa taagatgaaa 402060 tgggagaaaa ttctgagagg aagtagctat ccaaggtaag gaagggacca ggacaagaga 402120 aaggatgccc aggagcagtg aaatctgggc cagccttggg caacagggtt tatttggagg 402180 aggtgggaat agcaaggggg ttgtgctaag gctggccaga gatgacaatt gtgaccccag 402240 aaaacagtgg cagaactggg gactggaacc atgacatagt tttcagtctc tagtccctga 402300 ttccttcaga aaccatggga tgaatcgggt atgtcacaac tggcatttgt gagatgcaaa 402360 gagagagaca agcaggtgag cacaggagaa ggggtacgag ggtccccaga gcctgtgtct 402420 aggagagaca agatgctcat gaacaggagg ggtatgtaag gcagtgccca gagccgatgt 402480 aataagtaca aacatcattt catggatttt gtcttctggt tggggcgtag caacaggggt 402540 catggatcat gaagcaaggt gaccttcttt ctatggcttt tgcagtggaa gtttgaaaac 402600 aaatgcattg aggtgaggat gagagtcagt aggtcctggc tgaaaatgac gcagaggata 402660 catttaaagt gacacgtttc atattaacaa gtgtgttcat tggctcactg ctctgacaga 402720 gtgcacaagc aagcttggga aggaagggta tcctttgctt ctggtttgag ggcacccagt 402780 ctgctagtgt ggcaggagtg tgaggcagtt aatctgtggt atctacattc agacagtaaa 402840 gagagatgca ggctgcagcc tcatttgctt tctccccttt ctctattgtg ttccatctag 402900 gactcaggtt cattgcttca ccacatctgc caggcctcac aggaaacacc ctcacagaca 402960 ggtgcagagg tgtgtctcct gagccattct aaatctagcc aaactgacca tgaagattca 403020 ctgccataac aaagcgaaga cccccatgtc tacttactgt aggctctcag acataccttt 403080 atgcagactc aagacgtgtt tctgctgctc tgtgtcttct ggccttccct aaacatgtac 403140 cctcaacctc accctaagac agaacccttt cctttgttca gccactttgc cccacaatgc 403200 ctgtcccttc ttcccacatc ccctccttat gccaggcctt aggcctgacc ttccccagga 403260 taagagcaag ctggcagctc cacccaggag gacaggctgt gtcattgaaa tacaaatgac 403320 aaagagtaag tcaggcaagt cacactctgg gatgctcata tccacacaat gcaacctggg 403380 acctgaccaa gcagtttgat ttcacactta gaccaagagt caggtggagg agaggatcca 403440 gcctagcaag ccccatgttt gcttctgcat aaagaaccag ggctacaaag cagtgcctgt 403500 gttttgaggg tattgaccac ttgagggtga accctagagc tcggcaaaga atggatagaa 403560 accettagee acagaggtaa tggtetagag aggaacatgg cacactgcag cacagaccet 403620 ggttttctgt tccaacttct ccagacacag ggaagcagga agtccagggc tctgccatca 403680 ccaccagaga atgttacagt ccccacaggc tttcaactca acctgtctgc acaaccactc 403740 tgctccatgg aaagagcaca cggcaagtct ctaacctgca gagcccaatt tgctagctag 403800 cacagtgcca ttttaatgga atggaactag atttcatctt gccctgggat cagtagacag 403860 ccctgtcatc agggcagctg ctaccagaat cccagagtta tccacacact ctctgtgcag 403920 cctaaagaca catccctttc taaagcacag gcccaggttc atggcttcca ctgtgtctct 403980 caggcctgag gacaggtgct tctactgtaa gtgcctccag aatttataaa gccaaggcat 404040 tgccggatgg tactggtata aatctggata gatgaatgga acagcatgga atacccagca 404100 atcaatccat atatagccaa gtgattttca acggaggtac caagaagaca catggaagaa 404160 agggtgatct gttggataag taatgattgg ggtaattata tacacacaaa agaatgaaat 404220 taggatatta cccctctcaa gactatgaag caatcagaag aaaacacaga ggggatgtta 404280 taagtcatta gtatgggaaa aagaacttca aagcacaggc aattgcagtg agaatataca 404340 aatggattga ctccagcgaa gtttctgccc aatgaacaga agcataaagc agaatgaaga 404400 gataacaagt ggaacaggag aaaatatcag caaaccatca cccaacaaag gaccaatatt 404460 cagtgttgcc gtctgagagt cactccgcaa accacaggaa caccaatctc agaaagggat 404520 ggtttattga atgcacatcc taatgctgat cagggacata gctcggatta ttggagctat 404580 ggctaccaat aattttctaa gggaagaact tattggagga aaaccaccat taacttcatt 404640 tgcaggggtg gttggggggt cagcttctaa ttcaaagata ttttagacat agcacttcat 404700 actgacettt aacgtaaagg gteetatgta aagetttgte gaatteetea agattageaa 404760 acctgagaac atacagaaca taacagagga tgtggtcagc atgaccctgc tccgagtcag 404820 gttactcttc tgtgtcagtg actaggaggc actgtacagc aacaatatga aattgccggc 404880 aggcatggga caaagcggct acaactatgc tggtaggggt ttgggggggca gacctcaaca 404940 ttcagaatat ataatcatat gatttaaaca ctgggcaagt gatatcaata tcatttgcat 405000 ttaaaaatga gacctaaaat gcgcaagaag aatatgaaag agaaaaaata ctcatcacta 405060 gacaacaggg aattgcaaat caaggccact gtgatgtact aatttcaccc taattagaac 405120 ttctattctc gaaaagtcaa gaacagaaaa taacaaatac tggtagaggt atcgagaatg 405180 ggcaggtggt atgtgctgtt tgtgggaaca tcaattagta cactcactat ggcaaaccgt 405240 gtggagggtc tecetaaaac taaaaagage etactgtgtg acceageagt eccattattt 405300 gtcatgtatc caaaggaaat gaagtaagta tatctaagaa atcctggggc tcccaagtca 405360 actgtaacac tatccatacc agccaagaca tggaagtttc caaggcatat ctatccgcat 405420 atgagaaaat agggaaaatg tgctaaatgt tttagttagg gttttactgc tgtgtacaga 405480 taccatgacc aaggcaactc tcttaaggac agcatttaat tggggctggc ttacaggttc 405540 agaggttcag tccattatca aggcaggggc atagcagaat ctaggcaggt atacggtatg 405600 ggagccgaga gttgtacatc tttatatgaa ggcctctaga agactggctt tcaggcagct 405660 aggacaatgg tettaaagee tacceecaca gtggcacaet teeteecaca gggeeacaee 405720 tccaaatact gccactcctg agccaagcat attcaaacca ccacagcaag tatacactat 405780 atgttcatgc actattaaaa ctgaatattt ctgcttgcgg taatgtggat aaaatcagag 405840 gacatcatgg taggtgtaag acgacaacac tgagtgttct acatcactgg cagtagttga 405900 gaaaaaaatg gctacatgta aaatgagagg gaaatacttg ctattagaga caaagaagac 405960 agaggggaga tgggaggagt taggttggat gtaccagcac agagctagag gggaagtgtc 406020 caatctgacg cacagcagga taatgataac ctagacagta tgtttcaaag taactagaag 406080 tgtttgaaga ggtaaatatg ataaatatcc tgatttggtt attataaact gcacaatgca 406140 acacatttta cactctacaa atatgtatta taaaatagca tgcatccacc taaatatgct 406200 tcaataaaag agtctggcta gcgtggattc caaatgaaga tctagctttc agattgagag 406260 ggggtaaagg agccaagaag gggagatctg accccctttc tatttgaagt gaccagtgag 406320 aagtgttacg tctggatcaa attagcactg tttcgacaag tttacatgca cgcggtttac 406380 agcaggacat gggatcaagt acctgcatta atctgagatg cctcttctct ggaaacatca 406440 aatagggcca agactatttg gaccaagtga ctctgagaaa gatactcggc atggtaccag 406500 ccatcagctg ttggctgcac ttgtcaagat acatgagcct atgtgtgttc taaatcactt 406560 tcagtgtcga tgtaaaaagc aaaaaccaa ccaaccaacc aaacatgcaa acaaaccaaa 406620 aagcacctgg aactcactga taaatagtat gtggatgctc ccagaagaaa gagaaatcaa 406680 agctcaccac catggtaaag tggaagtcag cttgctttac aaatgtcgaa tgatgggctg 406740 ggatcaagac tggatgtgat aaggcaagtc tataagcccc aaccttgagg ctcaaacggg 406800 ataaagagtt tgatgctagc ctgagctgca ctgtgagact tgtctccaaa agtcaaaaac 406860 accaaaccaa gccatcagca gatttgaaat aattcattaa aattctctca agattaaaga 406920 aagtgctaaa actgggcact gccgattgtg acgaagactt cacccacaga attctctaga 406980 gtctgggatt ttaactctat gattaagtat ttggccagtg tgaggttgtg acttgatggg 407040 ttcaatccga agccctgtaa aagaagtgca cacataccaa agggaagggg gagaaaagaa 407100 aggaagaaaa catgagcatg gggtatgggt ctaagaggct aagaaaagag gatattaggg 407160 gctggagaga tggctcattg gttatggaca ctgactgctc ttccagaggt cctgagttca 407220 attcccagca accacatggt ggctcacaac catctgtaat ggggtccgat gccctcttct 407280 ggtgtgtctg aagacagcga cagtgtactc atacataaaa taaatacatt tttaaaaaaag 407340 aaaaagaggt tatcagattt gaagttaccc tgggctgcat atgcaaccaa accatgtcct 407400 tgaaaaataa aataaaataa agttaagcag gcctggcatg ggggttcatg cctagcaata 407460 gagaggtcga ggcaggaaaa tcaaaagttc caggttaccc tcagctctct agtaagtatg 407520 aagccagtct aagctacatg agactccagc taataaaacg ctgttaagaa cataaccttg 407580 ttctttaagg aaaatgggtt ttgacatgaa cattaaattt tttctgcact tatatgaacc 407640 taactaccaa gtgaatttag acataaaagt tgtacttctt aaatattact aggaaaccag 407700 gaagagctca gcaggaggta gaaagaaaaa tcagcctggg gtctagccag cctcagccta 407760 aggetetgte ecctagagag gageegggag gaggettggt tectatgeag ceatttetea 407820 aaagcatcta gaaatcctcc tttgtgagcc ccttcagggc ttataacact ggggggagcc 407880 tgtgtggagg gtgggcagct tccctgcttt atgaagaggc cgctgtggtc agatgagact 407940 tttggaaagc acacttgagg gtttgaaggc agcagctggt ctttctcctc tcgtgcgtaa 408000 gcaagtccct acaggagtga ttctatcagt tcattaaggc tcagaggaaa cggtgatggg 408060 gaacaagcat ggaatcttaa tggcgtgcag ctatggttgg agctaataaa gatgacgctg 408120 ccttttccaa gtttggcttt tacgttgagc acgataaaaa ggagacgagg ggatcaactc 408180 ggtgtcctct aatggagctc aattctgggg cagtccagga tttctgggga gaagaatcag 408240 gagtttgaag ggtctcccaa tagttgttct cttttgtgac tgattcctct ccaccctcag 408300 gattgaagaa tggccagcta acagtaggga agggtcatgg gaaagaaaag aaaagcccag 408360 accttccttt attcacataa gtcacaggta caagacgggg gggggggcag aaatagagac 408420 aagaaaataa aaccacctgt aaatttgcta ccaaaaccta tcccagccag tgtagtggta 408480 tatctcttta atcctctcat catggaagca ggtggatcat gatgagttag aagccaggcc 408540 tggtcttcat aggtagttcc aagacagcca agactacata gtgagaccct gtttcaaaga 408600 aaaaagaata gaaaaagaaa catctctaat atattaatat atgctggtat atcgttttca 408660 aaatgcttat aaattaattg cataaatata attttcatat gcacatataa gtagtcatgc 408720 agtcataaaa tatattttcc ttccaaatag tatattatag attctttagt tttgtttcct 408780 cttaataatg catgaatgtc acacatccat aagcgtactc tatcattgta aatagctact 408840 tgctggtatt ttcgtggtgg gttataatat attagccaaa gtctaatttt agacctttac 408900 atttcaacag gttcttgtga tcttttgagc aaagctgaga tatccctgct taggcttgag 408960 gttttaatct tctctcccaa tgtctccttc ccgacagtga agagcgctct gttgcttgtt 409020 tcttgctgtg atctgagctt tatttttct agaggcgaag cctttagtca ggaaggtaga 409080 gcttcctaat tgggattaga agctttataa aacagatctc aaaactttta ctctccctct 409140 acaccctgag aaaacacaga taaaagcaga caggagaggc agaaaagata gttgcctgcc 409200 cacaaacaag tgtatagatc cttatctaag tagtctctat gtaaccttaa ccttggactt 409260 cctggtcttc agaatcgtaa gaaataaacg tcttttgttt ataagttagt cagtgtgtgc 409320 tgttctgtta tggtatctaa gatgctcctg ataccaactg agcgtgttca ttgcagaaag 409380 ctgatatatt aagtggggag gggaagttag tcccgtgaaa aagtaagtga gcatcctttc 409440 atgtatgtaa ctatggattg tatatagata agcatgataa catatgtgta ttctatatat 409500 gtgcatgcac acatgtgatg tacaaggaca tactcatttt gttttaagca gagtagatgt 409560 aacttaatga aggaaaataa agaagaaact catgagaatg ggagggtttc tgaagggaaa 409620 atatccccga aggacatgtt tttaaaagatg ccggtgatat ataattctcg gtgttttcac 409680 aatatatggc agacacccct ccaggtcaac tagtataggt tattaatttt taactcctat 409740 gtggtgttcc atcctaagga ttgtcatact tcatccaggt attctttat taatggattt 409800 ggtttcccat caactttcag ttattaatac tgaaatacta aggttgcagt gatcatcctt 409860 gtacatagat acttgcacac taggggttgt taatttctat agtttatggt ccctggagtg 409920 gaactctgca tagaattgca tgtgcgtgta aatttttaac agaggccata aatccctttt 409980 acatgtgtct gccggtgata gatgagagcg cccttgcccc gaatcccatc cctgatagca 410040 ttaggtgcta ttacattttt atgcttgccc ctgagatggg gatcgtcata gtcattttaa 410100 tttccatctc tctgcccatt aggggaacct gaacatttta tcttacttgc ttttctggca 410160 attgcctttt cctatctcca acccattttg ctatcagttt tgactattct tatcttttta 410220 aattgtaaaa gagctgttct taaattatag atatgaactt gaatccatca tttgaattta 410280 aaggattttc tccaacttgt ttgccttggg actttatatt tggtatctct tgagctctct 410340 ataatgccta agaattttat gtatatagat gtgtaatata catggtacat atattcttct 410400 attaattaaa aacatgtctt ctgggccaag gagatggctc agtagataaa ggcacttgcc 410460 acaaaacttc aagacctgtg ttcagtcccc agatccccca aattatcctc tgatttccac 410520 atacatgcta tagcatatac atgtattgtg catgttcaca ctcataccac ctcctccata 410580 tgtgaataaa tgaatataaa taaataacaa aaacatgaac ccaacagcac cagaaaagaa 410640 caagtggtta gctcttacca tgacctttgc tctgcttggg tttttgtttt ttgttttt 410700 tgttttttt tttagggggg ggtgtttgtt tttgtttttg gctccagctg aatccaaaat 410760 ggctggttct ggagctaaga aggactttag gtaggccaag ccaagacagt tagattctca 410820 catacagage actggctggt agttgcttgt ggacettatt aatgaacaca ggcctctage 410880 tagggcattt atgcagttgt ggagatttgc acaatgctag tgaatataat gtggccctc 410940 tatagtatgt ctcacgagct ccttggccta atctcaaggg catgcagttc tttattctct 411000 cagggctcag aactccacag ctgcccaagc atttggtgat gccagtagac cgtacttctg 411060 tgaaaaatca tcactttgcc ttttctcaac tctacttgag catgttgggg gcttgattaa 411120 gctgacaacc agccagactt ctgagtttca aggataaaac atatttaggt acaactgtga 411180 cttcaaggtc accacagctt ctcatgcaat ggggttacga ttgatgcggt tattctgaaa 411240 actecttgga tettaactgt ggacgagaag gtategtegt aacaaacgte tagattteta 411300 gacacatgtc tagtctgtgc acaagctcag tagagggcat gactcaccac ctcaaccttc 411360 ctctacaaat accgtttcct caacacctag ctataaatac aatgctccat tttttcccta 411420 aaataattaa ttttactttc aagtttcaat ccaccaggaa tttatttttg aagctaacac 411480 taactttata teetatette aggagaeeaa ttttattett eteeataggg gaegaaagga 411540 tgcatctgac ttgcactctt agtcaatagt ccatcatagg aggaagtcag agtatgaatt 411600 caaacagcac actggaggct gaatccacag agaaatgttg cttttcggct cattcaccgg 411660 cttgtgctca gctagctttc ttatgctacc caagactatc tgcctaggga atggcgtcac 411720 ccatagtgga aaggaccctc ccatatcaat tgaggcagtc aaaacagcct tccacagtac 411780 tagaacatct atcaactgaa acttctcaga ccagtccagg ctatgtcaag ttgacaaagc 411840 taacagggac aaagggtttt aaagcttttt ttttttttt aacacaaaat gcaacctttg 411900 taaatgattt cttggtggtt catactatgt aatgttttta tcactctcct ttgagactag 411960 ataacacttt gaatatttag cactattaaa tgttttgggg atgatgctat gcttgtgtgt 412020 ttttgagtct gtctcagtgt atacatgatt taagaaattg cagtagagat tacaagataa 412080 atgattaacc attttcacaa gttttcattt tgcataatat gtaaagatta tcacttaatt 412140 acatgtttca tctggttatt agaaatgtag atgaataaat gtagatgatt aataaaaaag 412200 aaatcaaaac ttatgcaata atggatatta ctttttaaga acttaatgta ggtttgtcca 412260 gctcataatt ttgccccaca ggtctcattt tcatatattt ctgattttta tcaatactgt 412320 attttagatg ttttctttat ttccatgtat agtaaatttt gttcatgtag aaaaagctaa 412380 tgaatttatc tctttactac ccagctttat caaattctct ttttaaactt ttttgttttc 412440 tgctagagtt tatttttgat gtcaagcata aaattatatt accaacaaaa catatttcac 412500 ctctttctcc cacattcgta ctgtccatat tatacaacat atgcactgtg aatgcaatca 412560 tttcctagca tatacaaaca acattaaatg ataatgccaa tactataggt tcctatctta 412620 ttctttattt tagcatgaac tgttatgttt agagacaggg tctcatgtaa ctcaggctga 412680 cctctaacat actagttagc caaagatgat cttgaatttt ttgatccttc tgcctccact 412740 tcctgagtgc tgggacttca ggcatgagtc tacacctgct ctgtgtggta ctgagtattg 412800 aacccagggc ctcatgaatg ctaagcaggt actttaccaa ccaagctaca ttccagttcc 412860 aaaatttcat ttttaataga atageteatg ttgattetta getgtaggtt acetgtgeet 412920 ctcattttgt tttctcattc taggatccag gccaagttca gatttctggg ggcggttgcc 412980 atttttataa tagagaaagt tgccacagcc atttcattta gctctaaaga agtccatagc 413040 tattcctctt gtgtttattg gccaaaccca ataaaatggc cagatgaagg cctcatggtg 413100 gtatgatgtc aaggctgtgg agaattataa tctacccaca gacatgacaa taagtaacaa 413160 actacacaac agactetace acageteace atttatggtt ctatttgctg cttteteata 413220 catgacette atggatggee tteaetgtga getgtgtaca ttetttetat geetaeggea 413280 cttggtgtgt gttttaagta ggtgttggac taatccagac gcggtgccat ccacggacaa 413340 ggtgcagttg tttttgtttg tttgtttgtt tttttggttt tttttgctttt agtttgttga 413400 tgcaatacaa ataatttccc cataatcaac tcttcttgag ttcccagaat aactgtactg 413460 agagctgtga actaatcccc caataatcca gtgaattcta cttcataaat catagaatta 413520 tagtcctttc cctcatcggc gtaattagct gataatcatc tctaatgtga attttggttt 413580 ttttttaaat tttttaattt cacaaattaa aataatttat cggtgttaat ttgttgaaat 413640 attttccgca caaacttagc tcttctacat tgttggattc taatgcttgt tttcttctct 413700 ctctctctct ctctctct ctaaaagaca gaattttatt agcaagccca ggcttgcctc 413760 aaacttacga tcttcccagt ttttctgtgc taataaaata tacgtcatct aataaagttg 413820 tctacatgtg tgtgtatggg gggatgatat atgtatgtat tcatgcaaat gtgtgcttat 413880 gtgcatgtaa gtgcatgtga gtgtgcgagt gtgcacacgt gtatttggag ggtagaggtc 413940 aacattctgc atcttccttg accacgctaa cttatttgtt gggacggtct ctcattaagc 414000 ccgaagccca ccaagtcgac gatgtgagct gcctagtgag ctccagggat ctatctcctc 414060 tgcttcccca gagctgggat tacagatgca aacgtcccat ctggcttttc acatgggagc 414120 tggaatccta actcaggtcc tcatagctac acatctgagc catgtcccct aagccttttg 414180 cttccaaaat aaaattcata tgagaatcct ttgtttagcg ttagctttca aatgcatgca 414240 aagccttcct ttatcattat cttttatatt ttgtgtgtgt gatcatattt cttaattcat 414300 tccaaccttg taattttttc cataagcatg tgactgattt ataaatctgt atcactgatc 414360 aagaggtaac ttttagccta aagtcagtct gtgaatgtga ggctctcaat atgagtccct 414420 gaactggtgt caaagcacca gacatggggg ctgatcccta tagtaccagt gttgacaaaa 414480 tggagacagg tggattcctg gggctcactg accactcagt gctctatagg ctagctagat 414540 accetgacte taaaaaaagt gaacagtgte taegacaeta caactgagge tgteetttgg 414600 cacacagaa cacacacag tgtacacaca cacacagact attctcagat cttcagaggc 414720 tgaggcagga ggatcacaaa cttgaattcg acctgggtca tatcacaatt taatgcttta 414780 aaaaaggaaa gaaggtagct tttaaaataaa tattcttttt actattttat tttctgatac 414840 attgttttta gcttatttat aaattttact tctaatttat cttcttgtaa tttctcaagt 414900 aaactactgg tettttgcag titttaatca taaatagtgg agetacetat aattaaattt 414960 atcttaggca gtcttttatt tcttacaata tagactcact ctttttcttt ctagactgta 415020 gcataaattt taccatagcc ccacctgaat tatctccaca cacactcaga tacactcatg 415080 taccettttg gtagttcate teaceceete eegtgattta aactaatggt tteeagagtt 415140 cccagaaget gcaageteaa atteacacat teeeteatge atacaactag tteeatagge 415200 ttagccttgc caacatttct ctaaatcaac gataagcatc cttttcctgg ttatttgtag 415260 catggtcaca cagtgtaggc tgttaggatt tatctttctt ctctgcctcg cccttcacag 415320 ccattctgtt caaacaccaa atcttgtttt atattaacag taaaagttta cggtcctctt 415380 gtctactctc tgccgttgtt gccttggctt taacactcag catctgtagc agattatttc 415440 aaagatacaa ggctttcctt ccatttccct tctccctatc ctattctgtt gcaaacttac 415500 ccccacccc aaacgtcaat gttctagcta agatgcaaat ttcactgtat aaaagtattc 415560 tttttaggat tctcaccttt tccaaaataa agtccgcata gtctgcacac ccttcccctc 415620 ccctccagaa gggaaagcag ggatagcagg aacagcattt ttgactcacg taatgaactc 415680 gtttatcaat gtgcctttat cctcacaaag ttctgagcac agaaaagctt taactaacaa 415740 ttactctttt gtgagctagg acttgtgtta gggtttatct ttcttttatt tttatcattg 415800 taaaagacat ggaatgcctt tagctgttca tataactatc ttactgatgg tggttaacat 415860 taaaaccaca atgetttgtg ttgtaatgag taataatggg tatattgtaa gtatetaggt 415920 aatatccata tgtaataact tatgtaataa gtcataataa gtatgtagta agttataaac 415980 acagtettae ateataagtg atggtactag gtagtgggte ceaacaaaaa cacaccatge 416040 aacaggtctc acgtgggagg tttattgagg catagaggca gcctctaggg gaaagaggaa 416100 agaaaagagt ggggacaggg agaccgtgat ttttattgga gccatggcac atgcacaaag 416160 agacatgcaa caagacgtgt ctctgagtcc ctcaaaagct ggctgtaaag atgcctgatt 416220 gtcgcggggt cgcatttagc tgtccatgga tgtgcctgat tgctaacaat aagtttcaaa 416280 gtggaaaggc tcccagtccc tgattttcca tttcactata cttagcagat tggcttttat 416340 cagtgagete tettetggag eccagtgeet ecacaaggat gtgaaagtte tetetgaate 416460 cccacacccg gttttcattt gcatctcctt agccagaagc agtcacctga ctgttcctat 416520 tagcaagccc aagaggtttc cagcctcagt agtggatgga tacaagaagt ggatgggggt 416580 ggggagagaa cgaccaagag atgggtccat aatagatagg caagacatct ttactgtctt 416640 cagttcatag atgagaccaa ggttacccca agtcctgcta ttggttattg gtggatcttg 416700 gattgagcac caggtcctac ttccgaattt tacacatctc aacaatatcg cagtttctca 416760 tgtactctga caggatttca gacaggcgtg gtcaagggtc attttctaac accagttgtt 416820 ttccttgaaa tcacaccgga aatgttctca ggcattgcgc agagttactt acgacgttct 416880 gaacatgact tgtcttgtaa accagtttcc ttttttttt ttttttaaa tggaaactta 416940 gggaccacgc tagtctgtct ttgaagtaca ttgcacagaa agcagccaca tacagtctct 417000 gaccttcccg aatccccagt tgggaatccc tgccaagttt catcattgag ctttgaaagt 417060 gggttttaga cacagtcttc ttgaccttcg gccactccac tttgcctaat gaatatcttg 417120 taactgggga aagacagtta aacctcctct aatatatcaa agacaagaaa tgaaataact 417180 accccaggag aaggttcatt tccacagcga tttctaaggg aataaaatat gcatacgaga 417240 tgctgtgcct tatggttctt tcatccttcc tttaataaat gagagtcagt gggggcaaga 417300 gtccaattct tcactggtgc aaaaagaatt taaacctttt attagtgact gtgatgtttg 417360 ggtccgctaa aaaggaaagg cgatttcaaa tgatcagtcg ggggagtgtc tgtaagctgt 417420 agacagegtt aatggegeta attetacece actggaatte actetteece tgacaataag 417480 tttcacttcc acctgctgca gatcattttc tatagaaata aagccatggg caacttacca 417540 gtaaagggta taaaacaaga tctgaaaaac atgtagatga gagaagaaat atgtatttga 417600 aataatatat atctcaaata tacatttgaa ataatacatc tcaaatatac atttgaaata 417660 attatatctc aaatatatat ttgaaataat acattttttt tcctttggaa gcaacataac 417720 cttaactaaa ttgggtaaaa aaggtgtgca tttgtcctca gaggctggat agccaagaag 417780 actettgtca etetgagaaa cactagacaa aaaaaaaagt eeatattggt eecageatca 417840 ctgatggttt caatgatgcc ctcatctttc tttccagccc aggcagcgag tgttcctgtg 417900 ttggaagtat gttaatcttg gcgaaataaa taacgtaata aaaccttcag cttggaacag 417960 gacccaggca tctccttgta caattatcca agtgcttccg agagacttgg ctttctacag 418020 gggcatgaat tcaaaggtga gaaaaagggt aaagcacaca attgtaataa gtaaaaagag 418080 tatataacat aatttagatg taatagtaca tagatgaccc ctgtcttaca gtttttcaac 418140 ctgagatgtt tgactctgta atggtgcaga gtggcacaca ttcagtagga accatattca 418200 aactttgaat cttgatttcc ctctccctcc agggttggtg atatgcatga tagaacacta 418260 tcttgggatg cttcgtcaca gattcatcat ctatacaatc ggaagaatag acccacattt 418320 tgccatacac tacattgctg ggttatgatg ggtattttaa atgcatctcc aacttcaggt 418380 atttccacat tgcagtgggt ttatcagact atagccccat ggtaagtcgg agtgtatctg 418440 tacatagget taateetgag acceteteta tittatgaac etaagatgaa atatgatgga 418500 cagaagcaaa cccagcaatg ttcttcatac ttagtttctg caatatctgt tgctatggaa 418560 acgtgaaagc ctcagcagat ttcctggaag ttaagggtct gcctgcagac ttctttccag 418620 atgccagctt gcttgcttgt taaataaaac ttggcattta tcacacagaa gagtttatct 418680 caacccatac taggatacct acccagggtg tcgagcgcag tgctcacatg agcgaggtat 418740 ttagagagta tgagagagtc gtctattagg tgccttgggg cttttagatt caaagaacct 418800 gtcaactttg atggtttttc tcttccttca tcaacacttc ccgtaaagaa agaaatctaa 418860 aatgggatca gctgttagtg gcccgatgac aggaactcac tttgtcaatg aagttgtctg 418920 cctgtgttaa gcagcttagg tctttctgga tacaagtgag aaaaatcaca ttttgctgta 418980 gacatttcgg gtcgtctctt taagagtaat ttccccctag caattagaca gcagtttgct 419040 ctcagaaagc tgactaatta attaggaagc acttaaatga gttctttcaa aatgtctgaa 419100 catgttcttg cttctccttt ccgaaccctc ctcaacttaa ctaatagctc ttagaaagaa 419160 tccctccaac aaagatcaca tgataattac agtgctgctc tcacctctgg ccttagttta 419220 agaagtgatt taaatgataa caaagtctgc agggtgcatt accaggcagc tgttgatgcc 419280 aagttgccca ccctgacaca actcacatct ctagctccct cccatcctgt gattgtgata 419340 ccatttgact gtcgccgcca ttgtgggaga aacccagcct atgtgcacat ggagcatttt 419400 agtgttccag ctgtaggctt ggccttctac caaagtgtct tcgtgtcttg ccagccacgg 419460 ctcattaacc aaatgatctc caaactttgt caaaaacatg gagatacagg aaaaggcaac 419520 atctcttctg tccttaaaca ggtggaggaa aggatgccct ggtccaactt gtgggctgtt 419580 tatagtgacc tccctccaca gagtacagca cagggggatg gggaaaaggt gtgagcttac 419640 agtacggage tetgatggee actgeeteag ceagteagte agtgteaace teagtaattg 419700 aaaatcatgc tgatgggttt taccttcaaa gattatgcta aaagaagtac catacccctg 419760 tgatcttctg ctcccaaatc tgcacagcag aagcacctaa aatgcaccag acaaacccaa 419820 gtagtggage atcccaagat teacetgact ggtgtactee tegeetetet aggttateag 419880 agacaggcac agtgtgagca tctgtcacac gtaagaggac ccaaaggaga caggagagct 419940 aactgtgaca taggateeta gatgtgaeet caggttagaa aggggeeaee geagaaaaac 420000 taagacaatc tgagtaaact ctgggctgta tcacccgtct gttcatagta acaagtattc 420060 cacaaggtgt taactacagg ggaaacagta ggctgtggag ctgtctctgc caagtctgta 420120 cagtcagccg atggatattt tatttcagtc caaaagttct gttaaaaaaa aaaaaagcaa 420180 tgtttagagc tggttttgag catttcaaaa ccctgagctg cccttggcag attctgttta 420300 tcctcggcat cgggggattt atgggtcttg gatttgacta tgggaagaga ctccttaaag 420360 cccatgatac agaatatttt ataatgccgc tggggatgtg aacaaggcta accctctagc 420420 aagactggat agcaagattc catacaatta cagtgtactt tgggaactct tgtatcaaac 420480 ctttgtagaa gctggatgct ggagctaatc aactggactg tgctgccagc agccaggcag 420540 acgggtggag ggtcctcttc cgtgagacat gggtgaagcc gatgacagtc aggcacccat 420600 tgtgtctcct cagcagttcc ttgaaacatc aaacacttgt cacaacatca atgtgagtgg 420660 catecttect gettagacae catggtgaaa eeagageaag tetatgttgt tgetgttgtt 420720 cccacacatg gtagtccctg gctatcttta agatttatgt ttcaaagtcc ctggttggat 420780 gagaaaagct gcagttagta gcggatacta tctaccagta gtgggcatta tattggcaaa 420840 gtattgtgaa ctgtttaggt ttgttgaaag tagactatgg aagcaagggg cccttccttt 420900 gtttcctcct ctctctcct gccctgtcct gagtcaggct ggcccctggc tttgtgacag 420960 agagagaga aaaaaaaaa aaaacaatgt gcatataaga atattgaaaa cattgcaccc 421020 ttgagaacag ctagaagaga aactattacc aagagacaga gacatttctg ttgtttatcc 421080 catggcataa acacagcagt ggtgggaacg gatgccagat ggtcattcac caaggaaaaa 421140 ctcaatcagc aaccctagct gaccattgca atgtctctag ttgatttctg cttacgtgtt 421200 gataagcctt gatttgacga ccttaccttg gtttgtctct atcaggactg ttccagtctt 421260 ctgtgctggc atctgtagac ttctgatgtg atgatagttt gctatctctt gctgtttaca 421320 cccatcactt ggtatttgtc ctttgatttg aaatatactt aataaattcc ttcattcgac 421380 atatcatggg ccattctcca cactgtacag gacaatattt gtaccactgt ttcttctaca 421440 cgtcctgctg tgttgccaaa taacaccaaa aaaatatgtc tttcaatggt ctaccttctg 421500 gtgcctctgt ttatcccaaa gatgggtgga gaaagaccac agacccaaat catcatggcc 421560 aattaattaa agcaagctct ttgatttggg tacacaggct acctccccct aaggtgggcc 421620 tcaagaggtc ggcactggat tcaaggaaga caaggctttt atggctcaca cctgggatta 421680 aaacaaaaca cattcatata acacttctgt gtttttaaag aaaccaaaat tctcactacg 421740 tgtgcttata atccagaatt ggaaggcaga agttgaacaa ttccagggat tgagtggcct 421800 gccaatctag ccaactggtg acctctaggt acagtctcta aaacaaacaa agtggagaaa 421860 gataaaggaa gacacccaac attgactttg aacacacata cacacacac caaatgaata 421920 gataaataaa aaaatgaaac ttcagtaatt ttcatttaac ttttttcaga ctacagttgg 421980 gttgggataa cagaaactgt ggggagcaaa gccacagata agggggtggc tactgtgatt 422040

gttagtagtg ccgtcttcca tgcttgaaca tgctgtgctt tggattgtgg ttcacacagt 422100 cgccataact gtatcacaga gtcttctgat gctcccaggc taaaacttcc aggaacaatt 422160 cetgetgetg etgetgetge tgetggtget getgetggtg etgetgetge tgetgetget 422220 ggtgctgctc ttcctcttc ttctttcttt tctcctttt ttcctttctc ccccctccct 422280 tteceettee ceteeteete ecceteece tteteeteet etteetette etceteette 422400 ttetteteet tetteetaga cageagagee tggggetett tattgeteet etaetaacaa 422460 taaaaggaag caataccctg ccctttcgct acagctgctg agcagccaca ggggacagcc 422520 cccacccctg tcatgagctt aaaaggctgc ttggtccctg gataaggagt gggaggcaca 422580 gcctccatcc tggtccttct gtcagggaga tagcttttcc tctagcccgt catctcctga 422640 gcaacgccac gattccccca cttctttta gtcctattgc ttgctgtgtt gcccactgcg 422700 gttctaaaat gtcagggatg taggaatgta taaaatgtca ggccatctgg aagaacaacc 422760 gggctgtgaa ggttataacg acctccaggt gcataacctc actcacccca cacagataat 422820 ttcccaagcc catcagtttc aagaatatgt cttttcctgg ggacaggagc agcatttaaa 422880 cagaacagac ccctgacagt cacctgttct ccaaaatctg gataagttgc cctttagagg 422940 tgacatagag gcatctccct ctatggagtc tgtcagcatg gtctcatgag atgccacact 423000 gagcattgat aactaacctg ttggaacagg gcctggagca agaagtgctt tagttcaacc 423060 ccaactttct cgtccgtggc tatttactgc agtcctcact cgtgataaac atcctcaaac 423120 acttttctgg ccctatagat tttgtcttac actaagtcca taaaatttag caattctacc 423180 cttaagctcc ttggtagttc tctgcagttc tcaatctttc taatttttaa agggggcacc 423240 acceaetttt aacaegteat ttgeaeggtt aataeagtea eagaagaaaa tggagtttet 423300 atcaatggtc agttatggat ggaggaaggg ctcatgggcc tctagccctt cctgctgaac 423360 tattgactgc catcagattc tgggagtgag ggggaaacca tcaccttcag tcctgtaccc 423420 aatgctgaat ccaccgtgca tcagtggata agtacacacc tgtggtcggt cacgcagatg 423480 gcccggtcaa actcagtggg ttgcaaacaa aaagacatga atgtgggaaa gagataggaa 423540 agaagagagg cagctgggag tgggaaggag ataagagagg gtggggtgga gaaaacaatc 423600 agaatgcatt atggacatgt aataaagtat gacattgccc aaaaataatt ctttaaaaaag 423660 aacatggagt cttacttcca aaaaaacctc ttaagctaag gaccagctgt tcgtattaat 423720 gttgttggtt ttttttttt cttttttct gatgaattct ctgatttatt gtaaaatcct 423780 attttcccag ggtcacaaat ctctagcggc ttccacaact tgcaaatacg cacttgagcc 423840 taaacctctg ctaaggctgg cgataggatg tggtcttctg cattgctgtg gccaaagtga 423900 ttgtaaaatt cataggagag atcaagccct ggttaaagac agcagcgaag gctgctcagc 423960

agtgtgagtg cctttaatgc tattctgatg ggcgtttgaa actggcgaca gtaaaaccta 424020 caggagacat gcttctctat aatctttaac tatatggaac catgaaaatc aggagcactg 424080 agagagagag acagagacac atacacacac acagagagag agagagaga agagagcatg 424260 tgtgctttta tagatgctac agggtgtggc taaaaaaatt aaatagctaa gaattaaaga 424320 agagaggaat ttctagaaaa atggttttcc atttcagatt gtctgacagg ttgtgggcat 424380 tcatgagaac agatatgtca tgaccttgct gtccatccaa agaaatggta tgtgtgtgt 424440 tgggggggg gggagattat catagagcct caacagataa aatttcatta tcaaaaaata 424500 tggaaataag tggcaagtgt attcatttat ttaacaaaca cctactgcac gcctgacatc 424560 atatttcatg atacctaata caatatgcag tattaaatca gctatcgatt acatgtgtag 424620 ttaccacgta atatttcatt tttatatatc taagatgtat gactatttaa ggttgctaag 424680 atccctagta ccgtgagtcc tggattgctg taaatttact tcatttgcat gaaactttga 424740 cagaaagaat gcatagagga tcacaaggac tagagagatg gctcagtggt taagatcact 424800 ttctgcactt gcaaaaaaaa aaaaaagtt tggtccccag cagttcacag ctgcctatga 424860 caccagctac ggggatctgg taccetttte tggtetetae atgtacatae acacceccec 424920 acacacaca acaaacccca aagccaagaa agtgtgagga acaactggaa ggaggcttga 424980 aggagagcag gcagctgttg gggtttgagc acacaatgat ggccatgtga aaaagttagc 425040 ageccaaatg acaagatgee actgteacat egeaacecaa caggaaggea catetteet 425100 ctgcatgcat ccctccccac ctccccatgg agaaggaaga atctgattgg cttcctgaca 425160 cagactgggt catttcccag catgcatagg gctcactggt gtgttaaagg gtcatggcac 425220 actaatgggg accacagtag ttaaaagctt ccacattgta gcttgctcta ccacttatgt 425280 gtcatgtgac cttgatgaac atatttagtc taccataact tccatctttt cattgcaaaa 425340 cagagaaaat agggacttga atcataacat aggcatatgc aaaattacat tattcatgga 425400 aggtcctcag ccagggccct gatacctgac aggaatctga tctgaaccaa tcactgtcac 425460 catcctgtgt tggaagcaaa cccaatggcc cactctcctg cattctattt tcttgaatta 425520 atgccagete tgtggettgt tteetacage acaeeeagea ecaggattea gacataagga 425580 aaacacagtt gcatgcttac attgacttta accagtggcc cagccagtgc tctctagcca 425640 aagtatcagc aactgtcctc ataattcagg acttgaacta tcatttttaa acggtagcat 425700 ttctccttat gagtatatct tcatcaaaaa aaaaaaaaa ccttttgagc tgctgggggt 425760 accttttcaa ccagaaaagg gtgtgtaact gcaagcgaga gaagccaatt ttgactcctg 425820 gcacatatgc aaaaaccagg cttggtggcg tgtatttgaa accccagcac tggagaaata 425880

gagtccagag cacccctggg gctccgtggc aatataacct actgtgcaag ctgaggtccc 425940 agtgagagac agtatattaa acaaaggcat atgggttccg agaaatgtca cctgaggttg 426000 acctctgacc tccatacaga tgtacacatg catatatgtg tacttccatg cagaatatat 426060 atatctacac acacacacac acacacctct ttataggata gagatagaag aatgagaatt 426120 cctagatcca cagcctaaag tgttacgctg tgactgtcat tgtgctggat tctggatcct 426180 gctgagaaga aacaagcctg acccctttga catctgctta attggttctt gtcttagtta 426240 gggttttact gctgtgaacg gacaccacaa ccaaggcaag gacaacattt aattgggggt 426300 gacttatagg ttcaaagttt cagtccatta tcatcaaggt aggaacatgg cagcatccag 426360 gcaggcatgg tgcaggagga actgagagtt ctacatcttc atctgaaagc tgctagcaaa 426420 atactgtctt ctaggcaact aggatgaggg tattaaagcc cacatacaca cggtgacaca 426480 cctactccaa caaggccaca ccttctaata ctgccactcc ctgggtcaag catatacaaa 426540 catcacagte ettaaaceta tattatgaca gteettgeeg tattaggttt gaetettggt 426600 tttcttctct gtctccctct gatacagtcc taagtcatgt cctctaatct ctcttagtgt 426660 caactaaagt gggaaagatg gaggcataaa accatccacc aagaactggc tctcctgtgt 426720 ggttcctctt tcggtgggtc acattctaca aaacttaatc ctgtctgtct aaatcagtta 426780 acctcacctt agtgttgaat ctgctattaa cctttctgct ggggatttca tttctatttg 426840 tttttctcac tggtgtcttt cctaaacctt tctaatcttt ttagatggtg tcacactact 426900 ttcttgggct ttcaatttat tattgctaca ttgtatataa gataacacca tcatctgaga 426960 ttcttagaga aaaaaagcat accacttgtt gcttctagta acttgcctat acatatttgc 427020 cacttgagac cttgagccca gattcatata tgtgggtgct cggaaggttt cattcaaagt 427080 tcgttccttc agagagaatt tttcctcctc tcacggtcac cttggaatca ctttatatgt 427140 tctcattgct ttggaatttc aagggctatg taaatattgg ttcaggccgc catacccaca 427200 ggtgtacact cattattttt aagggaacac tttattcact cagaaccttg gctgtgacac 427260 acatttccat tatgaagcat gtgtttttct agcccgtgtt ttcactgttt aagatttttg 427320 tctttatatt taaattcttt tattaaaatt ttttttcatg tcctacttgg ttgtacccta 427380 tgtctctggg ctatctagtc tctggtttca tgggctatcc aggcagtgta ggacatgggg 427440 ctccctctca tgggatattc ctcaagttaa accaaccatt ggttggccat tcccacatgt 427500 tctgcgtcac cactgccccg gcatgtcttg caggcaggtc agattgtggg tagagggttt 427560 tgtggctggg ttgatgctca gatttctctt tccatagcct gcagagtacc acccacacca 427620 aagagactag aatgtggggg tgaaggctcc aagcctgtac tgcattaggt tgctacattg 427680 cccccaggt gtccccctat tccagttctc tctctctctg tactccactc cctccctcca 427740 tecettteet ceaectgace teteetgete ceatececaa ceaececeag tetaectaga 427800 gaatetette tatateeeet teeeagggag ateeataett etetgetaga geegeeteet 427860 tagctaacct ctcagggtct gtggatcgta gcgcaattat catcatttac ttaacagcta 427920 atatccatgt ataggtgaat ccataccata tttgtctttc tgggtttggg ttacctcatt 427980 cagcatgcct tttatctagt tgaatccatt tgcctgtaat ttcatgatgt cattaaaaaa 428040 aaaagcccac ttagttactc cattgtgtaa atgaattaca ttttctttat ttattcttca 428100 gttgaagggc acctagggca tttccagttt ctagctatta tgaataaagc cataatgagc 428160 atagttgaac aagagtcctt atggtaagat ggagcatcct ttgggtatat acgcaagagt 428220 gctatagtta tgtcttgagg tagatcgact ctcagttttc tgaggaaacg ccatattgat 428280 ttccatagtg gctgtacaag tttccactca catgagtccc ccttgctcca catccttgac 428340 agcatgcgct gtcacttgtg ttattgatct tagccattct gacaggtaga agatggaatc 428400 tcagggttgt tttgctttgc atttccctga tggctaagaa tgttgaatgt ttctttaact 428460 gtttctcaac catttgagat ttctctattg aaaattctct gtaccccatt ttaactggat 428520 tatttagttt ttaaatatct agtttcttga gttctttctt tattttagat attagatttc 428580 tatcagatgt ggagttggta aacatetttt teccatttea taggetteet etttgteetg 428640 ttgacggtgt cctttgcctt acagaaaaat ttcagtttca caaagtctca tttattgatg 428700 gttggtgata ccatatgcac tcactattgg tgttctgttt agaaggttgt ctcccatgcc 428760 aacgcattca aggttattcc taactttctc ttctatcgga ttcagtgttt gtagttttat 428820 gttgaggtct ttgatccact tgaacttaag ctttgggtga taaatacgga tttatttcca 428880 ttcttctaca tgctgaccca tccagttaga tcagcatcat ttaatgaaga tgttttcttt 428940 tttatcattg tgtatttgtg tgtatctata ggtgtgtgag attatgtctg ggtcttcaat 429000 tcgatcccat ggatcgacct gcccattttt ataccaacac catgcaactg ttaccactat 429060 tgctctgaag tgcagcttga catcatgatg gtgagtcctc cggcagttct tttattgctc 429120 agcattgttc tggctgtcct gggtttcttg ttttctatac acagttgata cttgttcttt 429180 caaagtctgt aaggagttgt gttgaatttt ggtgggaatt gaactcgtgt cctcacgctt 429240 gcacagatgg tetgeettge etgttaagee agtggttete aaacetgtgg gteacaacee 429300 ttttgggggc tgtagaacga tcctttcaca ggatcaccta agaccctcaa aaacacacat 429360 atttacatta cagttataaa gtagcaatga aaataatttt atggtttaca acatggggaa 429420 ctgtattaaa gggtggcagc attagaaagg ttgagaccca ttgtgctaag ccatctccct 429480 agcctgagaa tatgtttatt atattttatt taatgtttct aagtgtgttc tattgggaag 429540 gctttcaaat tgctactgca tagcaggtaa tggagaataa taatgctatt gggaagtaca 429600 ggaggtttta ctgttgttta aaaggtttat aatctcttac cgcatttatt tggaaataca 429660 tttaggaaga cagcaaaatc tttaggggct ggagaaaaag ctcagcagtt aagagcaaat 429720 cctgctctta cagaggattt ggtccccagc acctacattg ggtccccgcc cccaactgcc 429780 tgccattcta gatctggggg atccaccacc cttttttagc ctttaaggac aacttcactt 429840 acatgtccat atccctacat agacacaca acgtaaacat ataatttgaa gtaaaaataa 429900 attttaaaaa ataagtaaaa tttctttaaa tgttcaattc tgctcagtcc cagatactgc 429960 acagttatga tagatgtcat tgttcttgtt catccaagtt tttgtggtgg aaactctgaa 430020 ctatgtgaat acaaaactca acagaacagg aaaaaaaatg tggtgaaaca agaactggag 430080 caagcaaacc acccaagaca atgattctca acctgtgggt tgggacacct ttggggagga 430140 tcacatgtca aatatcctgc atctgagata tttacattac aattcacaac agtagcaaaa 430200 atgcagttat gaagtagcta tggaactaat tttatggttg ggggtcactg ccacacgagg 430260 aaccgaatca aaggeteaca geattaggaa ggttgegaae eattgaeeta aggggggeta 430320 catcttttga gaaagtggag gggattcttt caaacatccc tcagaccagg agatactaat 430380 ttcccaactg tggttggtag agggatccca ttgactttag atgtctacca ggtagacatg 430440 tagtcagtag agtctttcaa agaacggttg cctggcttgt agtctgagaa ccacatacaa 430500 agettatttg ggagaatgga gttggaattt tteeettagg ttttgataga gttgtgtgag 430560 gtggagtctg gaaatctgtg tttttaacaa gcatccctgg tgactcttaa gtacactgaa 430620 gtggagaagc tctagagtgt atttttattt gaacggagtc tgttgctata attccaggag 430680 ccccgctgat ttgcacagtt ggaataaaaa gagtcaaaca aagatctgtt tctgcgcttg 430740 acatgaaagt ctccaggatt ctgttacgtt aaaccctcag atttgagcca tgtcagaaag 430800 acaattaaga cagacagact ggtcattagt tcagcagttt gcccataaat acatgcctat 430860 ctaacccct ccccaccca ctatcacatc taggtgcaga agtgcccaac aaggattata 430920 aaagggaaac actctagaat cagagcaaag ttgaaacttc agagcatgtc ttccttggga 430980 aaacctttcc cactgcagtt taggaaaaga tgtgtagcta gtaacattag atacattgtg 431040 tctaaagcca cgtggtactg tcggacacca catctttcat gtagccatta cttacttatg 431100 tccatttcct ttcattttgt gggtttggtt atggtcccta aattatcaaa tccagtccaa 431160 ggtagaagaa taccttcagg ggctgggggc atggctcaat aatggtgaac ttcctaaatg 431220 tgaagaaggg agggaaggag ggaggagaaa aggagggagg gagggtacct taggaaattt 431280 tatacagaga gtataactac aattetgetg etcegggeag gtacaegtea catetattea 431340 aatgttggtt aaacaaggat cactgaagtg ttaacagaaa aagaaatact acctaatgtg 431400 gtaggtgtgt gtgtgtgta gtggtgtgta tgtggtgtgt gtgtagtatg tgtgtggtgt 431460 gtgtgtgtg gcgcgtgtgt gagtggtgta tgtgtgtgt ttgggatgat gcgtggttta 431520 tgggactaat aaaataagtt aagattagta gaggattagg cttgggggag gagatcatca 431580 caagtgcaga ggacctggtc ctttaaggag tgttgttaag atagaatgct taaaagaatg 431640 ccattcattg ggaatgtctt ttttttttt tggagaggga gatggcacat ggaggcattt 431700 caaatgaaga actttgttgt cattgtttct ttgaagcatc atttttggtt tgcaaattac 431760 atgccatttt tttacagaca actaaagaaa cgtgatccaa ctgtattcct ctgctgtccc 431820 ctgtttgagc gtttccatat ggctaacatc agcccggaga tttctttaga aacaattaaa 431880 gatettgeea gatagatggg aagaaaceae gtgageatge teeetgettg etagtgaeat 431940 tttgtggcct cccgacctct ctgacaaatt gctccgcctg ctgaagcaag acctctcaaa 432000 ggctgggaaa tgacagccct tgtctgaggc atctcttccc acaatccaaa ttgggcctta 432060 aggaaacagt aacacaaagt agcctgctct gtttctatgg cacccaagtg acagcagtag 432120 gaagtgagaa cagctggcgc tgcctaccac tcaaggtaaa agagttgcca gtcaattaat 432180 agaatatggt cccacttagg agaccatgct aatcaaggaa agttacgctc tctgcaggta 432240 gcattcactt gaaatgtatc atggcttata gtctcaaaga ctcatttctc actgggactg 432300 tcatttgtgg gtaggagtaa gcctaactgg atgcttccat tccagctctg gggaaaggaa 432360 cagtggagat cccagttagg actgggagat cctggagccc tgaggccaac ttccagggat 432420 aggaccagac teggggatat gtgeteataa geacaggtge etgeagagge caagtgtaet 432480 gtacagaagg tggtctcctg agtgaactct cagctggaga ctggctagga cagagggcat 432540 attagtgagg gatagggagg caaagggcca ggcatggctg tctccatcag accaagccta 432600 gtgatgagaa gtcattgact agtggaaatg tggcatgccc tactgaacaa ataagaagtt 432660 tggagtatag ggtttaccac ttcatcaaag ttttcttata aactctttct gtctgacaac 432720 tgccccttgc gcgcacacac acacactcac acatgctcat ccatctattt ggagaggaat 432780 caattgagat gtcaagtatt ggataggaat aggatttttt gtgaacgggg gaatgataga 432840 aaaatccaag taaggaatca ctctcccccg ggtggtttta tttgaggtta tgtgtatata 432900 tgtacgtgtg tgtgttgggg gtggggtggg gcatgtgcac ataagcacag atgcttgcag 432960 cccagagggc aaggacagag atgacgggac ctgctgattc ttgcaagtcc tcagtccaca 433080 tctgtccact ctgttgcctg agaatgaaaa tcagcttcta atttagtact ctttgggtat 433140 cactgctttc taattttctc ctctgtcagg atattaccat caggcaaaga tttatatagc 433200 aattttcatc tgagggagat ctctctctct ctctctctct ctctctctct ctctctctag 433260 cagaatgaat atctcaaatc accactcact atcataacag cccttcagac aggtcagatg 433320 cacttactgc gttgacttac tctgagtatc aaatcccaga ggcctctgaa gcctctgccc 433380 tagagaagac caaggatctg gtggtccaag aaaactagga cagccttact tttaaattaa 433440 aaatgtagag atcccaaatg aatggttccc ttggggaata tagaacaaga gtttgtctta 433500 gcttccttgt tctgctgttt aagtcattcc aaagtgagca ttgacaccca accatcccag 433560 ccaggctgca ctttgaatag catcacaagc cccgagtccc tggtgaacct ctctgtctct 433620 gtototatot coatototgt ototgtotot tigiotgtgt ataigtgitt glagigita 433680 tgatacatgt gagttcatgt atgcgcaggg ggtatgtgca gggcatggtt gttagaggcc 433740 catgttagtt gccctcaata gatttccacc ttatttttt catacagaga ctcttattga 433800 acctagaget caetgattee acttgtetag etggeeaaag aacateaaga atceettgat 433860 ctccacccct gcagggaaac ctctagtttc tttggaaagt tagttatgtc aaatgatgtt 433920 tttctggggc acacaggtga aaggatgtct tgctaaagca gacacatgaa agaatgtttt 433980 gctgaaatag acacggggaa agggtgtttg gctatagcaa acacatgaaa ggatacttga 434040 tgaaggagca taaatatgat cccacagaca gtgggagaca agcactgagc tttgttatgg 434100 ttgttccacc tctctattct tccctaacaa tgcgcataca ttggatcacc ttatgtagcg 434160 ttgttgaget caacttgtga taacacagee attgagagaa aettgeetaa gaactgettg 434220 tgaggtteet gtggeagett gegtetteee tggeetagee teaggeeagt tggeaagtet 434280 agccatttct tcaggtttga attacagctg ctggtttgtg cctggtgttt gcccacctag 434340 aggactgtcc tgcagctgct ggttcatgtg tggtgtctgc ctgcctagag gactggcctg 434400 cagctgctaa gtcatatttg gtgtttgcta aaggactgga ctcctgaaaa agatggagct 434460 tacccccaat gaactattgc taacaggtcc actgccccca catcctaata acttttctct 434520 tcactacctc tgctgggtgg tgggctagag gagaggttgg acccttatta aaagtaggtt 434580 gcaaaaaaac caatatgcct acaacccctt cgatatgtgc caccttgccc agatttttat 434640 gtgacaggtg gggatctgaa cccaggttct catgtttgaa tgacaatcac ttttaccaac 434700 agagecatet tettageate ceteaceage eetgatttta teagtgagtt catgttttgt 434760 tttgttttgt tttgttttt ttggttgttg ctacaacaaa cagttctcaa aatcttggtg 434820 tgttatggca tcacaggctt attcctagct gaggtcacac tttggcatgc ttgagcaatg 434880 tcctctgctc catagaagcc ccacttgagt atgtaggctg atatttcagc ctgacagcaa 434940 cagcaaggga tggaaaggtt gcaaagatac tgctcccaag tcaccacctc ccactgaaaa 435000 acaccettet ceteacettt cattgactag ageatgeeat ggttacaett aaetteecea 435120 aactcaaagt gacggtggta atatttacca cacccactat ggcacccaag cttggaatgc 435180 cctccacttt ggttctgatt tattagactg gctgtcagct tttagaacac gatgtaatca 435240 tatttcgctt ggtctcttct aactcggcag catcgctgat atcatctgag atctgtgggt 435300 tggagctaag ctcttcactg ggacaatttt ttcctcctcc cagctctggc ttcctgtaaa 435360 acagtgcctt tggtgttgtc aaaagtgcgc ctgtttttcc tcctgtgttt tctgcctttc 435420 ccagccccc acctgggtct aattgtgagg agcatctgca tgttttaaag gctcattatg 435480

taaatgtatc agagtccata tccatcaaca gataattaag aagactatat acatatttat 435540 gagatagett aatattgett taatgaggag gtttaetgga aatateaaat caaggaggea 435600 aaaaggaaaa aaatgatcag aacaaaaaaa agcgtgcagg ctttcatcag tccttggtag 435660 ttotgaactg toagaacact caaaggottg toagaactoa gatttotgat tagootacoa 435720 tacatggtaa gaagccagcc gctaggaaga tgggagagaa actcgctcca gacttctttg 435780 aaagcaaagc tttcttgttt caaaccagag acttctcaag gagccagcct cctgttccca 435840 cacctgggaa agegtteace acagggagtg getacaagte ceetagggea gtetetaget 435900 gaagccagag agaggggaag atgtggctat ttctcaagca ggcaaagccc agcaggcacc 435960 ggccttagga gtaagaagag gtatggtccg gactcctgga tgcctcttgt cctgcagcca 436020 ggacacagac aggtgctact agcatgaata aaagcccagc ttccctcact ttgtgggcca 436080 ggcatctctg tgcagcacac agtgtgcacc tagccatgtc tagaagcccc ttgtgttctc 436140 accaggaget agectaagte tgeaggaaca gtgetatace egeatgttat eeageaacet 436200 gtcccttcca tttgcctagg tatctgctca acccctcact gggcacctct gcacccgcca 436260 ttctataggc cagtctttgg tcaccatgtg tcaccaaaat acaaagaaaa ctggaaagca 436320 caggettget aggtggtcag gaacaaaaag aagetagaat tgttcatcac atageettgt 436380 ctctggaata gtctgcctat ctggccaaca aatacccatg tcactcttta tcctcaaatc 436440 ttcatgtcaa ctgagaaatt ccaaagaccc tctgggtaat ttaaatagct cagagccaag 436500 gacttccgtg ggttggccag aactcaccac tgaatttaga ctagcttcct cttgtttaga 436560 gacctgtgaa ctagaaaaaa cagaatatcg attatccctt gtgatggttt atatatgctt 436620 ggcccagggc gtggcactat taggaggtgt ggcctttttg gagtagaagt ggcctgttgg 436680 aatgggtgtg gcctgttgga gtaggtgtgg ccttgatgaa gtgggtgtgg cctgttggag 436740 taggtgtatc actgtagctg tggacttaag accttcatcc tagctgcctg gatgtcagtc 436800 ttccactage agecttcaga tgaagatgtt gaactttcag ctctgcctgc accatgcctg 436860 cctggatgct gctatactcc caccttgatg ataatggact aaacctataa gccagcccca 436920 actaaatatt gttattatca aagttgtctt ggccatggtg tctgctcaca gcagtaaaac 436980 cccaactaag acatcaccca tcatgatcta tacacactgc taaagggaag tgcctagccc 437040 aaacgaaagc tgccattcaa acacgtgaga catagaagaa gcaaccctgt ctatagcagt 437100 tctgaaatgc tggcggcagg ggaaattcct tgatttgatc cagtacatgc ccctgggacc 437160 ctgctctgcc tgccaatctt tgtgtgtcta aactaggatg cagcgatgat acctttgggg 437220 gagtgccacg gctttgggac ccttgtcttc ttcctagagc agacttacaa agctaaggtg 437280 gttttaaaat agcaaccacc aactggttcc atgtgctcca ttttcattta agttcatgct 437340 tatggtttct ttgacttgaa caattcccta gcatagagct ggtactttgt caggactcac 437400

ctctctcccc cctccttgtc ccccttcacg tatctccata acccatgccc cagaattcat 437520 ccacacggtc catttaactg caccaaagtc tggaaaatac catctccttt atgtgctcac 437580 aaagggaaag aaacggggtt caaataactg ccatcatttc tcccctgccc acaaactgcc 437640 atgcctggga ccatgcaacc cactaaaaag agatctttgg agtgaggtaa aacctttcta 437700 aaacaaaaag tgggtattgt ttccagaaga aaagaagatc tgaagtcgac aaaacagaat 437760 attctaacta agatagaggg cttcagttgc ttccacaata aaagggaatt aataccagaa 437820 tttccttctt aaattgtcac aaacttctat cagacaatgc tggccaagta ctttgcacaa 437880 tatcatgtaa gaggaactac tagaatatca cagaatggtc aagacatgtg aggctgagtc 437940 cataaattca tctaggcaat aaattcattt taccatattg gaacctaaca gcattaagcc 438000 tgtttctcct ggtgacagaa actgagtctc aatccatttt tagctaacat ctacaaggaa 438060 aatccagcta caaggaaaat aagggcagag ggtgagaagt cttctggcct tctttgttac 438120 tctctgccca ttgaggtagc cttggctact atttgggtcc ctggtttgtg tggatggtat 438180 cttgttccca ccactaacca tctataggcc tgcaaatacc acatgctata tctggatgat 438240 tccaaagtac ataggaaaca cccctcatat tgcccagatt attctggaat gttagaatcc 438300 tcactgaggc agccttcgtt cattctgtct caacttgttc cactgatagg cctttggctc 438360 tcagatctca ttggtctagg gatccaggat ccttcccagg ccctgacaat gcagctcagg 438420 tgtgttctgt cttctacctg ggtattcctt cacaaaaacc aaccacaccc ttcccctagg 438480 ctctgttgaa gaagagagtt cccatagcct caaagactat gctatccaga cctatagaca 438540 ctggccaaat gttgctattt aaaggcacag gaagagaaag ttgtattttc attgaattgt 438600 gctgggcata tttcaaaggc ttcttagtca tgtggacaga ggctagcact ctaaaggtag 438660 cttgtattgt ggaacatttc tactgcccag agaactctat cagatagcac tggtctaagg 438720 ctgcttcctt tctaaggagc atgggtctgc acctcttccc ctcagaatct ttactgacct 438780 gaggaagaag gcttgcttgc acatggtctt ccaaccttat gtacatcctg cctcatgttt 438840 cacacttagg tttagaaact cataatccag ggagtgactc ccgtgttttc tatgctgtac 438900 tggtcagtag acacactgag agtggtacgt ctttattgta agtagaggga cttgttattc 438960 ctatttgctg ggccaagagg atttgtggga catggaagcc atgagagaag tcccagacag 439020 tcaagtcccc ctagctacag agaagcacag cttgccaatg tccactgggg gagggggcag 439080 atatctattt ttattcttta aaacgtacct cacttttgca gccattttta atttgacaaa 439140 agtcactcat taacctccta aattagactc agatagttgt tettetetet ctagagcact 439200 gtttctcaac tgtcctaatg ctttaataca gctccacatg ttgcggtgac cccaaccata 439260 aaatcatttc attgttacct cataactgtg attttgctac cattatgtgt cataatggaa 439320 atatctgata tgcaggatgt ctgatatgct acgcagaata tctgatatga aactcccaaa 439380 gaggttgaaa cccataggtt gagaaccact agtctagaca tttccctggc tctcacttgc 439440 ccacaccctt cttctctagc cccatgagtt ccagaaattt tggttggttc tgcctgatgt 439500 taatagtgtg gtattcacat catgttcctg tctcaccctc accaggggaa cagttagaat 439560 gtcagacatt tcacccttct cttggggaaa aaatgattaa tcctgaggtc agctaacaag 439620 cctgatgtcc cctttgctgg acacacacag tcagggctca ctccacagga cccctgtgaa 439680 cattaacttc agccctttgg tgtgttgttt attttgcccc atttccaact gacatagcac 439740 caggttcaaa gagaaaagtg actggagaga aagagctgtc accccccc cgtgaatgcc 439800 ccccctcacc ccattcccca ctccatcctc tccctgacac ctccctgtcc tggatgatta 439860 agtgtgtgag ccacctaaaa atatctgtat agaagcagag atgagagaga gaaaatgaac 439920 tgttcgtgag gaagacaaat ggtatacttc caccccaggc agtcccttgg aaggtccttg 439980 gctaataacc accacccatg aacatggttt ctgctgttct gttcctgcga tagacacccc 440040 tccactaaca ggctattgca agtatagcct cctccaggaa gccactcaca attcgcattg 440100 ctcaaacctt tgtcacagct gccaacctca tggaagattc aaaatacaaa gttgttttat 440160 gtattcccga gcagatttga atcaaactct ttggatgaaa gagctaaatg tattggcaat 440220 tctagggtct gagtctatgg ccttgcgaat gctaggtaag cattctacca tcagtgacca 440280 taaatgagct acatecetgg cacttgttat tetgaagcag aaacteteea tattgeeetg 440340 cctagccttg gtctcttcct gtagtctggg aatacctaga acttgttatc cttgtgttca 440400 ttgcataagc agaagggtgc aacatgtggt cctgcctgac ttctgtcact tagaggattt 440460 gtcaagattc atctacattg tactctcatg gacctgtttt ccatttcctt ttctgtccaa 440520 ataatgtccc attgtatgta catgccaact tctactttcc cagtcattag ttgctataca 440580 tttgggctgt gcctgctgtc ggctatcatg aataacgctg ctatgaatat tcatgcacaa 440640 actitigiting cacatatign tiggetatating cocaning taattigcting circatacage 440700 atctctaagt tttttgaaga gcaactagac ttttgcacag tggttttatc attttacatt 440760 cccagcagca gtgtggaagg gttttggatt cttatccaat ggttgttatt gccggccttt 440820 tattaaaacc atcctatcag ctgtacagga gtatcttctt ggtgctttga tttgtaagtc 440880 tttggtggct agtgacagac tttcttatgc tccttggagt ttcagattct tttctataat 440940 gtccatgaga cagtgataaa ggtacctgtc tcctggtccc tgctcaatgg tcatctccca 441000 gtaggtctgg tgcaaaccat atcctcttag tgatttccca gtgccaactc tatttatgtc 441060 actcaccata aatcaaataa tgagttgcca aacctcctag ctagttctag tctggatgga 441120 gaaacaacag tgggagccag caacgtgact gacaggccct gcatctcatg tcactgagac 441180 gtggaaatca gctaaaccca aatactccat tcaagccaaa gctaccattc aaaaccaggc 441240

ttaatgctct tgacatcagg tcactggaga agagctagcg actggtgaac tagtattaga 441300 cctacaagtt acacagatta attcactgaa ccatcccagc tctctgagac agggatggtt 441360 gtgtcttacc attttgcaga taaaggaact gaagcgaaga aaaggttaat aattatatct 441420 agagctagtc aacagaaaga agtgctgccc acatcgaatt gaggttgccc agtgccaggc 441480 tggacgataa tgaacatggg gtgagtaaat gaataaaatt ttaaaatccc acaggggaag 441540 ccaacgtcta cagaaagcca actttctaga agaccagaac aaggagtctt atggggagga 441600 ggctgtctct ctgaagggca tcttgacccc tgacaaaact tacaacttct gatatgggtc 441660 ttggaaaatt caatggcttg gggttttatt tcgtttcatt cttttataga ttcatcctgg 441720 gaggtggtag cacacgcctt taattccagc actcaagagg cagaggcagg tggatttcta 441780 tgagtttgaa gacaccctcg tctagagagg aggggaggag ggagagaaaa agtggaagac 441840 agagaggag agggagagag agttcaggac agctaggacg acacagagaa accctgtctt 441900 gtgtgcacat atacatgtgc tgtatgcatt cctggtgccc ataaatgtta gaagaggaca 442020 ctgaatcccc tggactggag ttacaggtga ttgtgagtca ccgtgtgggt gctgagaacc 442080 aaacctagat cctctgcaag agcaggaagt gctcttagcc actgagtggt ctctccagtc 442140 ctaggcttgg gttttgtttt gttttttgtt tttttgtttt gttttgtttt ttgaacagac 442200 acaaatccta agcataaata tggtcactgg aaatggaagc agatgcattg tgctgcaggt 442260 gtgggtcatc aagtgttcct cgggcctcgt ggggatgaat tggcagtgag gtaggaagga 442320 gaaaaagggt cttgatggct ctgaaccaag ctatttatta tttgagattt aagattaatt 442380 taggattaaa gctggtgcag agaaaccctt cggtacaccc tgccagtgca gtgctgtgta 442440 ccctctgatt ctctgtgagt tagtcacaaa gtaacacatt tctctgagaa gggcagatgg 442500 cttagtgagc taaaatgtgg ctggatgtct tggctgggta gttcttgtag taccctgaac 442560 aacteggtat gagateeetg aaceategee etgaatteea aegagteagt aateteeett 442620 taatggctac acagtctgag gctggtgaat agaggaatct tggcaatcga ggaacaactc 442680 gccataaatc taaaagtggg ttgccaaaag ctccctgctc gttctactcc agatgaagaa 442740 acaaccacag gagccagcaa caaatgactc gagaggacct ttgtctggca ccatgagatg 442800 gagaagccag cggaagccag acatacagct caagccaaag ccaccattca aaaacagact 442860 cattcatctt gacatcagtg tctgatccag aaagccagga tgctttgcag cctcaaaata 442920 gcacagagca agaaggagac gggaacactg ctgctgggga gccctgctgc tggggagtac 442980 tgccattggg gactactgcc actggggagt actgctactg aggagcactg cagctaggga 443040 gcactgcage ttgggagtae aageagtetg ateactagae ecagggeate eeeegaacta 443100 tatactgctt cacaggcaga tgacaaagcc acctgagaca ctggaactgt ggtcacagat 443160

ggaggagcag tgttgagaga taataaaagg attgccaccc atgggcagaa agaaaggaaa 443220 cacategeag acagtecatg ageatggeac aagactaace acattggtaa ttattactgg 443280 tgttcagtgt actgataaga ccactaagct tttaggtgtg taccaaggct ctcccttaca 443340 ccatctcact ttcattatta agcaacacga cagtccttag agaccgtgaa tactcgtggg 443400 agcatcttga agggctctga ggagagaaac tttgggaagg attctctaac tcttacccag 443460 tggtagaget gagtetggag etetgtaate tecaaageee aaageeecae geatgaaace 443520 agacataata ctcccacgag gacgattagt cggtaaagat gaagtgtgga gggactctgg 443580 atcacctatg tgcctctgag gtcacaatgg gtttttgaaa tcgtaagtgt atatgctctt 443640 gcctatctgt gcatcaatac acgcgcacac atgtattcaa ggggctatta aacagccttt 443700 gtcttccttg ttacacttaa tattcccaac aaccttgaaa aaatgaatta tggaagattt 443760 gttctaaaaa cagctacaag aatatctttt atctctcttg tcttcatggg gagaaataag 443820 tttgtgtgta tatgtggggg ggggggcagg ggtcaacctc agggttattc ctcaggcact 443880 gtgagccatt tttctctcat tggtctggaa cttgtcaagt aggctggaac cccaggaagc 443940 tacctgtctc tgactcctca caggctgtag ggattatcaa atgagctatc ccctcagccc 444000 tetettgeet tgatgtette aattetatea etaagatgtt ggttetaagg atacatgett 444060 tgcctttggg ctgtttgtga cttgcttttt agtaaaaaaa aaaaaatagt tggtagattg 444120 gtaaataggc agataggcag atgatagata ggtaggcagg tagatagata gatagataca 444180 tagatatata gatagatgac atacagataa taggtaggta gatagataga tgacaaacag 444240 acaaagatag gtagatcttt ggagagatag atttaaggaa ttatctcatg tgactatgga 444300 ttttagaaag tctaaaatct gctggtagct aaccaactga agagtcaggg gagcctagat 444360 ttgattcaaa agttcaattc caaagacatg tactgaagaa ttatttcttg accaaggaaa 444420 atccattttt cattatattt aattetttaa etgattggae aaagtteace acetttegta 444480 atggaaggca gcttactctg ttcaatgttt accaatttaa atgttaattc cataaaaaaa 444540 accacttcag agtaacttgt gaccaatgat ctaggctcca tggtgcaagc caagttgaca 444600 ataaaattaa ccatcacatt gaaccctgtt aaaggaaatt tgaacctgct tctagttagg 444660 gtgcaactcc gcccttagca acacaacttt aattcctctg gctggaatac agacatgccc 444720 ttagtatcca ccttgaatcc caaacaatga aagtaaagtt agtttgtaga aggaagcacc 444780 atatttgaaa gtgatgttga atttcgaggc agacaaagtg atgaatcaga gaaagatttg 444840 acagaatagg atatacacaa ctctcacgag aagagagagg agagggaagc agttaaggga 444900 gagacagaca gacagtacag gagaagagat acagtccagg atacagtaga gttcatggag 444960 acagtgcagc cgagttgaga gggagagtgg aacagcacag agaggcagaa ggagaccgtt 445020 ttactatgag ttctacagac acaggtgaag acagaatgag ccagagaaca aggatccaga 445080

agattaggac agattgctgg agttagtctg aggctgagca gagcagttca gggtcaagag 445140 aaaagccaga ctggatcggt cagctgggag aggagtttga acctgaacag ctgagttgtt 445200 gaaccagcaa gctagggttc agaaagagct agaaaggggt gagcttatta accagcaagt 445260 cccagaggct gaaaacattc tagatctaga cagattatat ggaggcgaaa agtttctggg 445320 actgggcctc ggttagcaga cagaggcaat aaacctccca gacatcaatc acagcaggag 445380 gataaaagtt gcttttacac ctaaccatca acatactgca ctggagttcc aggatcatga 445440 aaagtagcaa attccagcca tggggtttca ggctgtccgg tggacgacaa ggtaagacca 445500 acaactgcta gtggagctta cagttttgtg agtttaaaac ataagcaaac atatagctgt 445560 tgcacattaa gaacaggatc agtcctcggg tgccttacta aacaccagaa ccaaatccct 445620 atggcacagt cagactgcct cettttetae tetgatttge tggcagcaat atetggacae 445680 atcgctgagc tgttttgtgc ctggatttct ctgtctgtga aatgggcagg tttgtgcatt 445740 ctaccetete egeceaetet ggtgetgatg aagagaaggg aggaataaaa gtgeeatggt 445800 ggcagaaaag teetgaggge tgetgtataa teaaacatgg tteetgtaga geecaaatge 445860 aaaatcactt taccgtgcaa ttctgaaaaa gagacatctg gcctgggaaa cctaaagaaa 445920 accacaatct ttctgaccaa agcaatttca ttgaataact ggtcctggag gctctcctct 445980 cacageteca atteacecae caacteaagt ecaettagaa acacateagt tttgttgtet 446040 atctgctatg tctattttta cttttggcca aaatagaaaa ggaagccttt taaataccct 446280 tctaaatagt agctttcctc tcccctcacc aaacattcca gcacaaagta tagaatttcg 446340 atgaceteat taggetacag ttagtetaca agtaagtaag ateceaeetg ggtgatgaga 446460 gagtaaaacc caggaaccac atccagctac atctagccat catctagaaa cgtctactgc 446520 cagacctaag ccccatgtga acactgtgct ggtcaatatt gattgtcaac tagacaagat 446580 ctagccaagc tcctggacac acccatgaag gattttcttg attagtttat ttataacagg 446640 aagactcacc ctaaacatgg tggggtgcct tccaccagtg gcccagaaat aaggaagtat 446700 ggagagcaga tgtgcttctt gcctgcttgc tttagcttct cactgctgag ttcatctacc 446760 ccgttctccc actgcaggta ccatcctccc tgtctgctgt ttccccgacc tccatatacc 446820 tactgaatga agtcacagat tttcccttcc tgatactcag agagcttccg tctcccgcag 446880 accaacagte ecagggetea gaaatgagag catecateta egtteaggte tetetgeeeg 446940 ccagccaact gttctctatc actataccca atgtccctcc aacacgaacc aaatggctgc 447000

ctggtgatca gatatgacag gcaagaataa cgaagcatgg agaggttgg agaggtagct 447060 cagtggataa catgcttgta acacaagcat gaatgagacc acaggtgaac cctggccaga 447120 acccatacag aagctaagca ggcatgacag ccacctttag tctattcctg gggaggcaaa 447180 gatgggagac tctggtggca agctggggta attagactag ccaattggta agcactgcat 447240 tttattgaaa ttgaaatgaa gtaaagaaga gaggaatgga ggaagaaacc ctaaatcaac 447300 tttgggtctc cataagcatg cacacgcaca cacacacaca cacacacaca cacacagaga 447360 gagagagaga gagagagaga gagagagaga gagagagaga acatgtgcac acacagagaa 447420 acagatagac agacagcata gaagtgtatc tctggtacta tctccaagta agaattagac 447480 tttcaattat cacaggttca accagtcccc tatctcagga cataagctag cactttgccc 447540 tctggctatg tgcatgaggt ctcaacagta ctctagaagt acaggagtca ttctattcct 447600 gagttctctt cccaaggcta gcagggaggg agaggagaag agaagggtgt gagcatggat 447660 atatcactaa gaggetteee gttgeatgtg acaggtgaaa acegggetga aactattaga 447720 gtttcttttt ctcacctaac agtggttggg agagtcgagg ctgtggttca actgtcaggg 447780 catctctcag aatctctaga gactattccc cattagtaca tgatggctgt caaagcttca 447840 tatatcctgc cttgacaaaa ggtaacaaag cactcgaaag aagatctgga ttttcctcac 447900 aataaacatt teettgetta tetagattag atettaeeca gaagetetae ageagagete 447960 ttttcaagaa ggatccacca gtgttgccag ggcagacagt gagaacctgc attccccaat 448020 cctgtgatgg gaacaaacac tgttggctga gagaagaggt gagaaaatgg ctgtatgatg 448080 ggtaaccaac agcacctccc acagatggcc tcccctagac ctccctccat gtcttccttg 448140 ctttgcctag aatatgatct aaaactggct cccaatgaca ggcactgaga agtctaggaa 448200 cactttcatg catgttctta taggactgtt tcctgagtgc tcctgtcaag ggaatattct 448260 atattaacca tcacagtagg ttgtcttatt tggagacaga atagttatat aggcaattaa 448320 gtaaaaaatg ggttcgttgg catgtgctct ttaatttagc acaggcttta taaaccgaag 448380 tttggacaga aacacccaca gttgaaagcc catatcaaaa cacaagaaga taatcctgta 448440 tacataccca agagagaagt ctcaaaaacc cctcccttac agccctttag ggaatcaacc 448500 caaccatgtt tgggggtttt gttggtgatg gtttgatcgt tttcccaggt cgccttgatt 448560 ttgtgatett cetgtetete ecceecece eccaatacag agttattgte ttgaaacate 448620 atgettagtt tetataaata tettgatett acateteeag tittgeagaaa aattigetta 448680 aaccgccaag attctaaact aagattgtgc ggtgttttcc ttcactcgga gactcacctg 448740 ggttccagag agaaagttac agtggcactc caacaagcct gggaatttgg aagcatgagg 448800 ctgggtggca gggaacttag cgagccgggt ggagagattt cagagctctg ggtcagagag 448860 tetgecagge tgagaacagg etgeacaact ageateetaa tacataaggt ateetaagtt 448920

Dil

ataaatcctc cagtagctga tcccggtgga tccaccacct gaaccagggg ccttcactac 448980 ctacattttg ccctcccact tactctccca tccaaaaagc aagcatcctt ctcctgcttc 449040 teetetteet eeeteegace tggaagttet teetactega eeagtgaagg tteettgaaa 449100 tetttattea tgaggagaaa gtteacetge agteacetga gtatgeaatt caeteeteat 449160 cccatacaag tccctcttgg ggaagcagaa ttagcatcaa aataccaaca gcaccagggc 449220 aatccacaat attgtaacca tgatgctgaa aagctaagaa ccttagctgc ctccttagct 449280 gcctccttgg ctgcaatatg gaaaaagaca agtaaagaaa tcaaatcacc catctttgag 449340 atctagactt ctttctattt gttctgttac ttaaaaaaaa aaaaaagttc cccaaatact 449400 tccatgttga cagcaccatt ctatagcccg gggtcctggg ttgaacaaag agaagaagct 449460 gagatgaaca tcaacattgt atttacattc tggggaagga tgcagtgtga ccagctgcct 449520 tgcatttctg ttgaatgcct gccccaccac aatgttctgt gtcctctcaa cttctaagtc 449580 agtgtttctc agccttcccg accctgtgac cctttaatac agctcctcac gttgtgctga 449640 cccccaacca tagaatttgt ttcattgctg cttcataact gtaattttgc tactgagttg 449700 tagtataaat atctgacatg caggatatgc caaaggggtc gaaacccgca ggctgagtaa 449760 aactgeteta ageeggtata aacteteete etteaagetg tegttategg gtatttagte 449820 ctaacagtga ggaaaataat aaacaggggt ccttaggatt tcacaaaatg agtcttggaa 449880 aaaacaattc aacctttgaa tcacgtcaga ccaagaactt ctttctctgt aatagaggaa 449940 gctctcatta atctttatgg agggaatcaa tatgcaaata tccaccattt tattaccaac 450000 ttcattatct ctagccactg gaaatgttta gcagtcatgt ctgcacatcc acaggttact 450060 aagctgatat caaggatgat geegtggaaa tgtatgaage ttecaaggge catttgagta 450120 attggacaag attattacga agctcggtgt aattttagtg gtgagtctat ttcattgtgt 450180 tttgctaata taaaagtcag tcattgataa atgggattta tgttaaccac caaatatttg 450240 caatgettgt ttetaeteta gaccaaagga acgtaggggt ttaagtgeea ggeeccaaaa 450300 taggagttca gtaacataga atagaaatag gcaaaagtga atggggccaa aggagagcac 450360 atgcgcttac tgtgggagcc tttgcaactg cctagtgtag catgaaattg tatttaaaat 450420 tgcatgcgac cccacagtga tgaaaccaat acctcagagg ctggctgaca ccagtttaga 450480 agacaaaaga gegggeetta aataaaatge eagcatttee aetegggeea tetgtagage 450540 teagtggtee geegeategt ttggtgeett caccatgagt tetgatgttt teagggtget 450600 tctcacagcc aacgccagaa aagcctttag caccatggaa acattgcttg gtacaggctg 450660 tgcttgaggt atgtggtgca aacaccaagt tctccacccg agaagaacac agaatgtctg 450720 ctggggtacc catctccagg gcccccttgc cttttctccg aagacctcat ttctgttcca 450780 ctgagcccct tgccacagca ggctctagag tggtggctaa aagaggtggc tttctggagt 450840

cgaatccagg cttcaccacc tgtagacgga gtcattaagg acaatctctt atgtgtaaaa 450900 tgtggatggc tttcatggct attttgtagg tgtgtggtga aaattatgca agtaaaatgt 450960 agggagacct cttaatgcaa tgcctgatgt atctaagcat ttggtaacat tagcggtcat 451020 gageggtaac atatecagge attgtgagaa tgtttgggag ettgtgtgea tgtgeetget 451080 tgtgtgtgaa acaaaatgag tgcatggtag aggtcaagct aaccaaggtc tctctccagc 451140 ttagatgaag aatatcattc attcataatg gttccatttt ataagttggc attctattaa 451200 gaattagata tatagatata gatatggata gaattttaac tttgcctttt atcactgagg 451260 ttataaaaca tgaattggtc tcctttcttg attaaaatta tcataagttt attatgtgat 451320 tetateceet gaatgtteet gggatgtgtg geteetgtae tgtgtagtet caaactgeee 451380 tgtctgccta tagcccttgg actgttgtct gcctgtgttt gtcccttggg ctgctgtctg 451440 cctgtgcctc ttagactgct atctgcctgt gtctcttgga ctgtcgtctg cctgtgtctg 451500 tetettggae ageagteage etgtgtetgt atettggaet gttatetgee tgtttetett 451560 ggactgttgt ctgcctgtgt ctgtctcttg aactgccgtc tgtctatatc tcagactgct 451620 gttggctcct ctgctgtcac ttgtcactgc tgataattac tccttcatag aacagtcagt 451680 agctgagtca agtgtgcatc ctcacccctt cctcctttga gtaaaaaaaca attagtctct 451740 gtggagcact cttttgactc agcataaagt tctgtagtct aaacaggtat gatgcaaatt 451800 catgagcgtt tacctaattg acaaaaaact aatacactca aagcatagac taactactct 451860 ttcattaagt gacttggctt ccagaaagtt ctagaaagct gacggtgaac ccagaaacca 451920 gtcagaacaa aggaaatgaa gctagagaca ctatattttt tcctcttcat ccaaggcatg 451980 gatgccactc agtttctctg ggaacaccca gttttgaagc tgaaaggtgg ctcggccatg 452040 tactctaaca ggattcaaat cccagcactc agagtgggta gctacaaaca ccactgccaa 452100 gggatctgat gtcctattct ggcctccata aacacataca cactaaataa agtcaaataa 452160 tttttaaccc catatcaaca ctgagtgtcg ccatgccaga agcatcagaa tgagctctga 452220 gtctgtcggg accattaaaa ctagagatcc aggggttcaa atgagtcaag gttaaatgtg 452280 cattgaggtg gattttcctc tctaaatgta aatgaaacag tgggcaaatt gtattcagca 452340 aaatgccaga tattgcagtc tgtgcaggtt ctttaatgca caatcttttc tattatttta 452400 actttttaca acactttaaa attataagaa ttttaaccca agggacaaaa ttggtgcaat 452460 ctggcttata gctgttgttt gctggtccaa gccttactta gaactctaag atctgagtcc 452520 tgaactgcac aatggtggtg tacgacttta atcccagcac tcggaggcag aggcagttgg 452580 atctcaagtt tgaggccagc caaggctcca cagagacacc tggtctagca gggtaagggt 452640 gggagtgaga gtcctgattt gctaccatga gcagtattaa ctatgtgagc agaaatgagc 452700 aaagtgaget egecaagaet eaggeteett acaetagaat gagaateeag gattetetge 452760

actgtagtac tgttatctgg getgetetet eccagggeag gtecatgetg getggaattg 452820 gtgcttgccg agccaccagt gagtctccac tgaagctttt gccttctcca tgttcttcca 452880 aagtcatttc agtgttaaag gtaggactga agtgggagct ggacctgtcc caaggaggcc 452940 tggagaaaca agctgacctt ctcccaacaa ctagaacggg gcggggcttc catgagaatt 453000 gttcttttgc cacaggatac cacacttcca tggtaacaaa tatggaagat acctagagga 453060 gatgggagta gagacaactg gtcgacctca gtatactgca gcataaccct gtttaaaaaa 453120 ttagctcctc tctgaacaca gcctgaaggg aaagaccaca acagtgatat cattgaccag 453180 aagacagaat gggtgcaaaa tgaggcctga ggggagccac caacaggaag acagaaaaca 453240 ggtgtggcta ctgcacttta gctttggctg ttgggaggta gcttcgccac tcctaggcac 453300 tggcgccagc tcctcccatt gttgtgtggg aaatgtgtgg actttcctta ccccaaatca 453360 aggcagtcat atotgtotoc aggacottto cagacttoag cotgagoagt otttgctggc 453420 tgacaggagc agettgtett tecaatetee tgggettgaa gtgagagaga agtggattgt 453480 gtttcacttg ttatgcttgt gcagcctaag aaatgggcag gggcatgcac aaaagcctga 453540 acacacagtg aaagcagccc cttccttcag gggcatgact gaaacaaagt cacagccttc 453600 attgcctcac actttagaaa tactcctaat tacctagtta tgcatggtta agcaacatca 453660 ttgtactagc tggttttgtg tgtcaacttg acacaggcta gagttatcac agagaatgga 453720 gctttggttg ggaaaatgcc tccatgagat ccagctgtgg ggcattttct caattagtga 453780 tcaaggggga tgggtccctt gtagatggtg ctatccctgg gctggtagcc ttgcttaaga 453840 aagcaagctg agcaaagcca gtggaagcaa gccagtaagt aacatccctc tatgacctct 453900 gcatcagete etgettetg acctgettga gttecagtee tgaccgeett tggtgatcaa 453960 cagcaatgtg ggaagtgtaa gctgaataaa cactttcctc cccaacttgc ttcttggtca 454020 tgatgtttgt gcagactaag acaatcatta actgttattt gtgtctaact tccatgagta 454080 gaattgtatg atttttatct atataaacct ggcctctttg aatatcaaat cttataaggt 454140 actgtcttag ggttttattg ctgtgaagag acaccatgac caaggcaact cttataaagg 454200 acaacattta attggggcta gcttacaggt tcagaggttc agttcattat catcatggca 454260 gtgtacaagc cgttttggtg ctggagaaag agctgagagt tctgcatctt catctgaaga 454320 aggcagtcag aaagtgacta ttttctctaa gcagccagga ggagggtctc ttgtccacac 454380 cggaaggagc ttgagcatag gacctcaaag cccacccaca ccgtgatgga cttcttccag 454440 caaggctaca cctactccag caagaccaca cttcctaata gtgccacttc ccatgggtca 454500 agcatactca aaccaccaca ggtaccttac ctgttggagc ctgacacagg cctggttgac 454560 tttcattgcc atacagagtt ctgccatttg aacaaaccct gataacttcc ctctctactg 454620 ttaacagaca tttgagttat ttctaccctg gggcaattgc aaacacttca gctgtgtggc 454680

ttttttaaat cttatageet gatgatatea geteecattt eteaagtttt eeaggegtga 454740 aattqtqqca qqaaatcctg tgtggcctcc cttatgcaaa gtgtctttta ttctgcacct 454800 gtccttttct ggcagtggcc tctacttgac tctcacaata agaataaaga aagctgtttt 454860 tcaaaaaaaa tttttttaa tcaccaattg ccttttagtt agggttttta ttactacaat 454920 gaaacacagt gtccaaaagg caagtttcag aggaaatgat ttatttgcct tccttttcca 454980 tacggttgcg catcatcgaa gaagtcagga caggggctca aacagggtag gaagctggaa 455040 gcaggagctg atgcaaaggc cacagagaga tgctgcttac tggcttgctt ctcatggctt 455100 geteageetg etttettaaa gaactgagga eeteeagege agggatggea eeteeaacea 455160 taggettgge cetececeat caatcactaa etaaggaaat geettatage tgeattttat 455220 ggaggcactt gctcaaagtt atctcctctc tgatgactct agcttttgcc aagctgacat 455280 aaggctagtc acctcaactg actgcttgtt aatttgacac acacattggt attaagccac 455340 agtecttect ttetegtetg tecceaggat etcacattaa aattgtattt tttacaaatt 455400 caaatacatt aacgttctgg tcccttttaa atagacaatg tcttttttt ttaatttgaa 455460 gtctttcagc tgtgggctcc tataaaaatc aaaattaaat taaattaatt tttcaagagg 455520 gaagaaccag gagacagcca cagtctgaac aaagcaaaac caaactccaa cagtgcgaat 455580 aacactgtat ccaattatct gggattcatt cacaatcctt tgggctcctc caaagggctt 455640 gaatcacttc tccagctctg ccctctgtag cacacacagc ttgtcttcta ggctctagct 455700 ggctccactc tcgcctgctg ctgctgttct tggtggtgat tccatggcac tggcatctcc 455760 aaaactgttg gtgtctcttg ctgcaactgg gctgtacttt caccaatcgc ctctcatagg 455820 ctctcatcgc ggtactaagc ttcaacttct atgcaagacc ccttccatcc tgggccttca 455880 actgctactg atgctgcttc tttaccagtg gcctctcctc gcttctcacg gggccaagcc 455940 tcagctgctt tccaagaccc ctcttcatgc cttcaaaccc agcaccacct aggtgactct 456000 accaagtcca getgecaget tgaggtecag cettggecae etetggaaca cagettetgt 456060 gtgctaaccc taaggaaaca cttcccagga gacttctggt ctcttcttag tcgcccctca 456120 tttcttattc ctagctaacc tgcatcattt gtcccagtgg tttcacttcc atggtgttgg 456180 tctcctgtta atcacagttg actcttcagc cccagctaac cagaactaca gaatcttaat 456240 taaaataaca aaaatccctg atagagtctt taatcttccc tctgaaacta cacaagccaa 456300 gcctccatct cctgcactgc tctcaacatt tttatcgtca aagcccctaa agaacaaccc 456360 actgatetet tetageteaa aatteeaaag tettteeeaa acatggteag gtetgteaca 456420 gcaatactcc ccaccccca cccccatata ctgatattaa cttgtcctct ttagggtttg 456480 cattactaaa atgaaacacc atgactaaaa atcatgttgg ggagtgtggt ggtttgaata 456540 tgcttggcac agggcatgtc actattaaga ggagtagcct tgtcaaagtg ggtgtggtct 456600

tgtcagagtg ggtgtggtct tgttagagga attgtgtcac tgtaggagtg gactttgaga 456660 getteeteet agetgeetga ggatteeaga etgeetttgg ateaagtttt agaactettg 456720 gettettete cageaceatg tetgeetgga egetgeeatg etteetgeea tgatgataat 456780 ggactgaacc tctgaacctt taagtcagcc ccaattaaat gtttcctttg taagagctgc 456840 cttggtcatg gtgtctcttc acaccaatag aaaccctaaa taagataggg agaaaagggt 456900 ttatttggct tacacttcta ttatagcaca gtacacagaa tcataatttc aacaaattta 456960 ataagcatct acttgtgtta ggtgctgggc tggcagcaat gaagaaaata aacaagtatt 457020 tctaatttta atcagttggt aatattaata agagataatt acaagtaaca taattttgtt 457080 tattaattat ttgttttaag acagtgtcac atagctgagg attaccctga acttctgatc 457140 ctcctgcctc tacttcccaa gtgctagaat tacacgtgtg ttcactaatc ctggtttatg 457200 gacactgggg atcgaactca gggcctcatg tatgctagac aagcactctg ccaactgagc 457260 tacatcccca gcccaataat accttattaa aaagacacca ggtatgaacc agatgggttg 457320 gctcacacct aataatccct aaaccctgga tactgaggca ggaaaatctt gagtccgagg 457380 ccagccaagg ctgcagggta agaatatctc aagttgtgtc ctcaaaaagat aagttttcca 457440 gatacagaat acgtacagag ctcctacagc ttaaagccgt aacaaacatt accccacagc 457500 ctgacctcaa aatgctgggt ctgtggttcg gtggcgaagg aggctcacct ggcatcatgt 457560 gatectaggt teaaageeta geactacaaa aacacaaaeg aaaaacaaae aaacaaaec 457620 ctaaacctaa aaacaggcaa agggcttaga caactcttca aagaaggttc acaaacactc 457680 acaagcacag aaaaatatat ccatttccac taatcatcag aggaaacaaa cgaaaattat 457740 cctgagccac catatcacaa ctattaggat ggccgcggat taacaagtac tcccggggat 457800 gatgggaaac agaacctgtg atactattat tcagaccttg aaacattacc actgctatgg 457860 gggacaaaat ggcagttcct caaaaaaaaa aaacaaaaaa aaaaccggaa acaaagttac 457920 ctcatgtcca agtattccac ttctagtaag gactccaaga tctaaaagtg ggatcttaag 457980 gaagtatgtg tatacetttg tgtgatgget tgaatatgea tggeeceaggg agtggtaeta 458040 ttaggaggtg tggccttttg ggaggaagtg tgtcactgta ggtgtgggct ttgagactct 458100 cctcctagcc acatggagcc agtcttctcc tctttgactt tggaacaaga tgtagaactc 458160 ccagctcctc cagcaccaag tctgcctgga tactgtcgtg cttctacctt gatgatgatg 458220 gactgaacct ctgagaactg taagccagcc ccaatgaaat gtcctttata aaagttgctt 458280 tggtcatgtt gtctcttcac agcaataaaa ccctaactaa gacactgtgc ttacagcagc 458340 attgctcgca actgtcaaag gtagaagcaa cccagtcctt aaagggatgg aaacatgagc 458400 taagtttggt atatgcatat gatgcagtat tattcagcca cgaaaccgaa atagtgtgcc 458460 tcatctgagt gaatcttgag gacaatatgc caagtgagct aagccagccc ctaaaaggca 458520

aatattgtat ccacttaaca tgaacagtca acatttcaga gacagagagt ggatacaatg 458580 agatetteea gagggtgggg gagaggttat tgttttgtag gtgtagagtg tetgttette 458640 aagatggaaa gaggcttgga gaagggtggt aaccattgtt gtaaatccac ttatttcact 458700 gaactgtgta ctgcaaagct gttaaagtgg cgtcacctgc gttttactac agtttttcaa 458760 gaccttgtag gatagatgga aatggggata gatacaagtt agatatcatt gcatatagat 458820 aagtggcata catatatcag ctagacaaat cagatagaga ggggaagcag ttttacatgg 458880 ggtgacccac agagatgttt tagctactgt ctccctatac ccaaatatct gacaagcagt 458940 aatccaagga aggaagggtt tgtttgggct cacagtttaa gggcgtagtc atccacacca 459000 gtgaaggtac agaggcaaga gcatcactag atgctcagga ccacagacag gaagcggaga 459060 tgaaggetgg caettggete actteetegt tttetettte ttaetegett tgaaacceaa 459120 gaccatggga tggtgccacc acatccaggg caggtccttc ctcagttaaa ccgctctaga 459180 aatgeeetea etaacatate cagagaggta eeteteagge taeteeaaat teggteaaac 459240 tgaagctgac ccatcacggg atgcatgctt ggaaaggaga catttgagca caagcctaga 459300 ggaaggagga tttgggggtg ggatggtggc ctgggctctg aaggagaagc ctgtccagga 459360 tatcaatggg ctggaacaga gctaataagg accaaataag atcaaaatac agcagggaga 459420 agcagaggga ggacctgtcg ggcagccctg cgctgagctg tgagtgtgtg ggcgtctgtc 459480 tgctccaagt gcaacacaaa tcacaatgtc tctgaactat agagtctttg atgaccaaat 459540 aacaacacct gaccctacat atcacaaagg tttcatgaag gaagatcatg ttagagaaat 459600 tacatgaata taagatggag taggcacaga ttacaataaa aatgacatgc aaaggcatat 459660 accacaatcc caggcatatt ctactatatc ccattgtgtg gtttgtggac ctccttctgt 459720 actttcctaa gaaaatactg ctctggacct ggtatcagcc ctgtctagcc catctccacc 459780 atccaagaca tecetatgte caacagagtt tggageeage cateccagag ttaactetga 459840 taaaaaaatta ataatgtcac cagaccette acetteagag aggtgetaac ttetaataca 459900 catgagggac tggacttaca atgtctgact cctcccaatg attgaatagg acattcaatc 459960 catgaagaca gctgagttag gccacctatc aaaaatttga ataggtgatg taaattttta 460020 cacgtgcccc ttctgaagag acatctttaa tatggaggtg aattcttaat gttctttcct 460080 cgtctcgact ccgattccgg cagaacactc acccttggca tctctcggta ctttgataaa 460140 tggcacaaaa cagagggete geegetttta tggetgeatt teagecette eeceegeeee 460200 ccaccattcc atcacgagag ccaaatgagc taccacact gcagcactga tctcacagtg 460260 teeggeaegg gteeagagga eagteegtee tagtggegag eaggetttea agttettgat 460320 gcaggcctca gatagttcca cacagcagat gggaactggg agtttctaaa ccctctgcct 460380 gccatctact taattcagat aataggcctg ccagatggct acceggtcct aaagttttag 460440

ctgggcaatt ctccatcccc tcgggagaca ataagcgtgg acacacgggt gctccagaga 460500 ccattggaaa gagctgggaa tgtggcaggg gaagaggtca gaggatatcc aaggatacca 460560 gcagctacca gccatttgcc agagacttca ctgcaaggga atacactcac acttagagtc 460620 aagtgctgtc cctgcaaagg agcaacctag agtcaccctt acagtgggta tcctgctgtc 460680 tectagggtt acetttaeag eggtgteeca ttgtetatta tggteaetet taeagtgggt 460740 atccattggc ccctagggtt acccttacag tgggtgtccc attttctacc agagtcaccc 460800 ttacaacatg tgtcccagtg gcccctaggg atcaccctta cagcaggtgt cccattgtct 460860 actagggtca cccttacagt aagtatccca ttagccccca gggtcaccct tatagcaggt 460920 gtcccattgg cctctaggat cacccttaca gtaaatatcc cattagcccc tagggtcacc 460980 cttacagcag gtgtcccatt ggcctctagg atcaccctta cagtgggtgt cccattggcc 461040 cctagggcca cccttacagt ggttgtccag ttggcctcta aggtcaccct tatagtgggg 461100 tgtcaccett teagtgggtg teccattgge tettagggat tggeceatgg aacttagetg 461160 gaacagagat gctgcaggca aagtgtctga ggtgatctca ggaaagcatc aatcaccctt 461220 ttacccagga gataaacttt gagaaaggct tggactacag tgtttatatc aaggctacct 461280 ctacacccgg gggcaggaca ccctgacaga cagcccgttt acatcactac ttgttctgtt 461340 tactgtttta gtgtccattc tggaatgccc ttcctatgcc tccctctgct tacccatctt 461400 cctcacagat cacccctcc aggcagtctt cccagaccac tcaagacctc acttgcctcc 461460 cactteteca aaageteega agaateatet teettgeaet gatetatgea egtgaetete 461520 acgcctcttg ttcagtttga tggcaggcct ggcaccacac ctggctgccc ttgcttatcc 461580 aacctcattt cctaacccac cgtagaacca cagtgggtgc ctgctgtctc gttagcataa 461640 gttgggacat gcagtcttta aaaactaagt tgggtagtac agtagaattg gtggaaaaat 461700 taaaaataag cttcctcttg aatgaacgat gagaggtgag ctttggggac atcattctgt 461760 gcctttaaaa aaaaaaaag tataaaatgc cccgcacttc ggaggcagag gcaggcagat 461820 ctttgagttt aaggccagtc tggtctacag agtgagttcc aggatggcca gggctacaga 461880 gaaaccctgt ctcaaaagaa caaatcaaaa caaaagtaca aaagaaaggg agaaatcaga 461940 tgcaggttgc aagttcctgg tgacatcagc tttggcaggc cctgatggaa agtgaccttg 462000 ccagagccct gctcccccat tcagttggaa cactttccac taacggtatt aatctggcct 462060 tcagtctgag gcagagctgc ctgggccaag ccctcctgct tcagtccaag tgatgaatca 462120 gccccatctc ctaatgccct caagaattag aagaatcggc ggaggaagag agaggcacag 462180 ggcaccatgc acacceteag atggacaata gaaatgaegg aggecaagae etteggtete 462240 tttccatctc tgggaagcct ttccattaaa aacattttct tcttctgtta catccatgtt 462300 ttttcttttt ggtttcctct tgtcagcctc agcccagagg aaacttctca ctccccacct 462360

ccaaccacgt actaaacacc gtttccttcc aagggettct tcgttatttt tttcttcaac 462420 ttacagctag attgcttggc atcaaccgag aaagcctagt aacactctgg cgttccaaaa 462480 gcagcccaga agatcagaag tatccgccgc atctacctcc tggactcggc acgatcaaac 462540 gctacgctct ctgagaagac attgggagta gtagaaatgt taagtttgtt ttttcttttt 462600 tetttettt titttitt taatittaaa aaaeetaaaa agaeaeetta aaggaageaa 462660 aagacagaca cagccaagaa gcaagcaaat ctgatattct ctgagctgaa aaacaagagc 462720 ttgcaaagaa ggctacagtg ccctctgtct gggacctgtc agcatgtagc ctgggggctt 462840 ggattcattc tetetetet tetetetete tetetetete tetetetete tetecetete 462900 tototocoto cotocotoco tototototo tototocoto cotocotgto tototococ 462960 tetetetgtt tittitetgt teteteteat atattettet tittitetet ettecaaatg 463020 gagtttattt gtttaacagt cetggaacte aatecacaga ceaggetage ettgaactea 463080 cagagateca ettgeetgte tetgtattee teatgetggg accaaaggeg tatgetacea 463140 cacctggctt agctaaggtt tttcattcat ggttttttgt tagtcattgt acaacctttg 463200 caatgtctga ttatctaaaa agaacatgag agcagggagc tcagttgact tcaccacagt 463260 tgtacagttt ggaaatggca tcagtaaaga tgctaactaa cccaggttcc cttttcttag 463320 cctgtgtctt tatagttcgt ctttccgtat cagatttatg ttgtttcatg ctcaaaggct 463380 ttgacagcca gatctgtcta acacagaggt tggttctcaa agctgaacac cataggcctc 463440 ctaaagatgt gttctactat gtttggatac atgtctccca aagactggca tgctaaaggc 463500 ttagtcccca ggcagtgcta tcactaggag atggtgggac ctctaagagg caaattcttc 463560 taaaagaaag ctgggctttt gtggaattgc ctttagccag cctggcacaa acaaagatct 463620 tctaaaaaga agacagcctc acctttcttt ggttatcaca ctatggaaac aatggtcccc 463680 aaggaattgg atcccttgga gcctctcaca agatgaagga acaggctgaa gcatagtgcc 463740 agccagagga ggtttcatat catcctgtta tcttatctac caccttgtaa gggagaaagg 463800 accagaaaca atgagtctat aatgggactg tgacagagag gatcacacct cagccagggg 463860 cagettagtt atgetgatea etgtaaatgt aattettagg gggtgttega eacceetttt 463920 gctcccaggt aacaacatgg catttctatg cccactttaa cccattttag ctcccaaata 463980 aatggcacag agacctgtta attttattaa tgggctgcaa gccttagctg ggcaggttct 464040 gagetgttet aaactgaeta ggeeacatgg getgttaett getatetggt ettaceetgg 464100 tttactccag ttcacatgta teetcaggge tgetetetea teatgatete atggagaatt 464160 ctccttctca ttgagtcatg tcgggaaccc tcctggtccc ttcatatagt ctctccatct 464220 ceteattete tetaetettt etteettgga eeteetgaet gggateegaa gteeegeeet 464280

attetettet geecagetaa tiggetaate agettittag taaceeetga teagaggiga 464340 agaaaaacaa tttttatata acattgaaat cagagagcct taaccatgcc attgtctggc 464400 ttgcaaccag acatctaagc atctgaacac acagtgcaca acaccattcc ccagcagatc 464460 atttgctctc ttaacactaa agctctcatc cagagttgga tgtcaccaga tctctttatt 464520 tgttcctctt cccagtgggg ccattgatta caagtcactc tctgtatgcc actgccctat 464580 tgagggtggg taccttctcc tctctggttg cagcagccct ggcccagctc ttactaacca 464640 ctctgctaac acaccttcca gaggaaatgt ggactgctgg tctctcctct tcttcctagc 464700 accttgactt tagcccactg aggctacctt tgagtatctg gcttcaagat ctctaggatg 464760 gttttattta agccaccaac cttgcagtga tatctttttc ttttctttt ttaaaaggct 464820 tatttatttt atgtataaga gtacactgtt gctgtcttca gacacaccag aagagggcat 464880 cggatcccat tacagatgat tgtgagccac catgtggttc ctgggactta aactcaggtc 464940 ctctggaaga acagtcaatg ctcgtaactg ctgagccatc tctccagccc cttgtggtga 465000 tttcttagat cagcaataag gacacacaca gatactgcac aacttgttca tctacagctc 465060 agtttcccag tgtctgaaat gagacaccta tatccacttc aatagggtat gagtgaggac 465120 taactggaat aactataaag ttactgttgt ggtttggaga catcaagtgc taataaatgg 465180 agetgaetet tiggateata aagaacatte tiettgaage teaagatige eeacacagea 465240 gctgtgggtc aggacaagtg gagcccagtg tggagcagtg taagaaatgg gtagaaagaa 465300 agggetttgg etgtgeeetg gtttgttttt aetgggeaca tggtggggat eagteaaegg 465360 tacattggtg aaggcagtgg taagagggca gtgcagcagg cttccctggt cttgagatct 465420 ttatgcctgc ccgttctgaa ggccccattt tattcacagc aatttgatcc actgtgcttc 465480 actgtaaagt gaaccatgag acacccaaag gggtgagaaa taagagttcc ccttcacttc 465540 atttacaaac tgaatacagc cagcacatta gcttctgagc ctatggcaca gtctctggtt 465600 cttaagcaat accaagcata aaactgcttt ctctatattt cattgaatcg tgaatattac 465660 gaaacacttt gggcaaataa ctgttctcag ttccctcatc tattaaacat gacagatgtt 465720 ccctcctacc tatggggctg ctatgagcct taaatgacgt ctatgtacca agtgtggtca 465780 aatagtcagt acgttagaca tgtgtcgcag accctttggg tccctttgtc tgcgtggaca 465840 gggtctctag tcgcaggtgg gcaaagagtc ggtaggtgac aaatagacca acaggtgaga 465900 ttgtgtagaa tctgaatgta ttctcacaaa gtgaacatca gtcttatata gtacagcata 465960 ataatcctca atttcctttg tgtatgctgg acagcttcct tgcggagctt caagagaaag 466020 taatccacgt gcggtggttt gaatgggaat ggcccctata ggctatagca tctcatttga 466080 atgcgtagga agtggcacta ttagtggcct tgttggagga agcctgtcac tagggggtgg 466140 getttggagt tteagatget caaaceagge eeagtgtete tetecetget atgggeagae 466200

tcagatatgg aacteteage tettteteta geaceaagte tgeetgegtg etgeeatget 466260 tcctgccacg atgataatga actaacctct gaactgtaag ccatctccag tcaaatgctt 466320 tcctttataa gagttgtggt catcatggta tcccttcaca aaaacaacaa caacaaaacc 466380 ctaagacatt gtagtaggag tcaaagagag taacttagag ccagcatgta ctgagtacat 466440 attgtataca ccaggaactt ttctgtgaac cgtaaatatc agggtaaaca agctgctttc 466500 tgagctaagg tagaagagac ttgacagact ccatgtctta gggtttctag tgctctgaaa 466560 gacaccatga ctacggcaac tettacaaag aaaaacattt cattggtget ggettatagt 466620 tccattatca tcacagcagg aagtatggtg gtgcacaggc agacatggtg ctggagaggt 466680 ggctgagagc tctgcctaca gatttgtagg tggaaggtct tcttgtgaca gtgagccact 466740 gageetggge ttgagetttt gagaeeteaa ageeeatete etagttaaca caetttetee 466800 agtaaagcca cacacaactg caacaaggct acactcactg caacaaggcc acacctactg 466860 caacaagggt acaccactg caacaaagcc acatctactg caacaaggcc acatctactg 466920 caacaaggct acacccactg caacaaggcc acacccacca caacaaggcc acatccccta 466980 atagtgccac tctgtacggg ccaagcattc aaacatggtg aatggaaact gttcctactc 467040 aaaccaccac attccataca atggatttag agaacacaat gagtggtatc tgtgggaaag 467100 gctgtgcctg atctggggtg ggggaggggt attggggagc tcatctcaga ggaaatgaca 467160 tcagctggtt aaacagtttc ccagatgaag cgacaggggt gtgaagaggt tgggagggga 467220 gtggccctct gaaggcatga gatgaaatat aagcatcatt tttaaagagc tatggcatca 467280 aagagagtat gatgacaggg gtcagatcta gaaggtggcc ccgggtctag aaggtggagc 467340 tgggtctaaa aggtatagcc aagtcttgag ggtggaacca ggtctagaag gtggagctgg 467400 atctaaaagg tggggccagg tctaaaaggt atagccaagt ctagagggtg gaaccaggtc 467460 taggaggtgg ggccaggact agaaatgaaa ctatgaaaga tttagctgct gaatcaaatg 467520 tcattccttt aacagattga cttaactctg agttgtcaat tgtagctgca tctgactgta 467580 gcttaatgac aacaagagct gctacaggct ttaaatggag cagttttata atgtttgaac 467640 tacagaagca gtcactctct ggaactggtt gaagaggaac aaggtgaaat tcaaaatggt 467700 ttgggaaatc gttataataa ttttggtgat aaacagtggc agggagagcc atggtggtgg 467760 taagcaggaa tcatcaggta taggtctgtt gggatgatgg ccctgcagaa gccatggttg 467820 gggaggaggg cggttctagg ttgggtgaat gacagtagca tccattaaat tgagaaatac 467880 aggaattgcc catttgaaag acaggtgatg ggctcaactt cacatatgtt gatgtgaata 467940 cagtaatggc ctaagggata tctgtgtggt tagatgcagt tggcagttag acaggactct 468000 ggagttttag atgcaggttt gagttttaag agtcatctgt ccttggtggg tctacctaaa 468060 atcatgggag aggatgagac tgcgcaaggc aaggggagag aggaagatga gcaagagccc 468120

aaatgcagaa gaaattgaac agcctagaaa ggaaacagaa tatcacccaa caatagaaga 468180 qccaaqqaag tatggggtgc cagaagctta ggatgtgagt atctcagagg agcaggggag 468240 ccatgctgtt caacacatca atgacatcaa aggagacatg attggacttg acacaactca 468300 ggccaagtgc acgtccagta agggcatctt cagagaaggg atggagtggc attagcttga 468360 gataactcac ttaaaggagg aaaacttcat tctggatcat gggtttaaga ggttttagtc 468420 caggatcaga tggcctgatt gtaaagagac agacaccaga cagggataac acagctgagg 468480 aaaatggcta ccctgaggga ctgagatcac agggtgacat aggtgagcca gagacaggat 468540 gcatccctga gggcatcctc tcaaggggcc actcctttca attaggcacc cccacttcca 468600 tttccatggc ctcccaagag cacatcgcac tataaaccca tcaacgcata atccatgaat 468660 ggtatcaggg tgtcacagtc tgatcagttc cctaaaccct gccactggat ttactccacc 468720 gagggatgtt tcagtcagac ccaaagtgta acaggggaat gataccgatt gcaactgtta 468780 cctcaacgag atctagaatc atcaggaaaa tgggtctctg ggtatcccag gagggcttgt 468840 ctttaactgc ccactgtgga tgctaccatt gctcgggatg ggatctagac tgagcagaaa 468900 aggagaccat gaactaagca catgtaagta ccactctgtg tcttgacact tgaatgcagc 468960 tgcctccagc tcccgcccct gtgacttctc caccaagatg gactgactgt accatagaac 469020 tgtgggctga aataaaccta taagctgctt tcctcagagt gttttgccac agaaacaaga 469080 aaagtaacaa agacgaaggg tttagagccc aatgggcagg agtgccgagt agaagatgac 469140 acagaaagca caatgggatt ggtccttcaa ggaaaggatt gttttcttgg gagaaccttg 469200 cagagggtag agaggtaaga tggaagttgg cagaacaacg tttgggttac ttattttagt 469260 atggaaagac tcagaaatgt taagttcctt ataaggaaaa gccagaggga agaagggctg 469320 gaagttcagg ttgttgtgac tattcagagt ctatatcccc aaatttctct cttcattaaa 469380 acttaaccat gcttccagat caacatctac tgtcatttct aatgcatgca tgttcagaaa 469440 ggtgttaaaa tttaaaaatg tttagccttt atttttattt tattgtatgg atgtttgtct 469500 gcatgtatgc ctgtgtaccg tgtgtatgca gtacccacag aaaccagaag agggtgttgg 469560 atccccttgg aactatagta acagacactt gagagctgtg ttgatgctgg aagagaaccg 469620 ggtcatttgg aagaacagcc agtgctttca atggctgagc ccccaaaagt gaaaattttg 469680 agtcagtaag tgcatatatc tccagcaagg ggaccctgcc tggcacgaaa ccattctaaa 469740 aaagccatta gggcaatgga tgggaggctc tgtaccctca tgggtgccat aacgacacat 469800 gcttgcctct gcaatctttt ccgggatttc cccatgtgtt ttactgacag ctttccaatt 469860 atacgtccag gtcgcttttc ctacctctct gatattttga ccttttaact gtcaactata 469920 ctcatcaggc atagtggtcc acttctacct tcccagaact tgaggactga agaaagtatt 469980 caagagaagc tttggtttca tgcaagtttg aggccagctc aggctacatg agatccagtc 470040

atttattttt aaactgotgo otacaatttg gtaacttggg cootcoacat caagcootco 470160 agtcattttc cttcctactg cataagccga ctcagaagaa agagccactt tccttaagat 470220 aatagtcagc tcttgtggct tccaaaactg aaattcgcaa agatgtgggc atgtcaatgt 470280 aaaagggtct gccgtaacac ggcatgagag agaatggcca caaggctggt aggagggaca 470340 ccaggaaggg tgaggaaatc aaagtactga atttacttct gggactccta tgtggcaaga 470400 gagetteegt gttataatgt ateaettggt tteeatgaag aaatgtatte acagaagggt 470460 aaccatatat catgggagcc ttttttttt ccatctttta agttaaaatg ctgcttacag 470520 cttacgggaa gtcatcataa tttactaggc agagatttcc ctatcatcac catacataaa 470580 ataatggcat atctattatt aatgatgtct taaatccagc aaaatatggt atttaaaatt 470640 ttgatcctag agttttctaa gattgatact gcaaataaat attctcactt gatgcaaaaa 470700 ctattattat gcatcatgtg ttttatggat caatgtcacc aaatcagagt tgccctggta 470760 agteteagag ttecatgeta aegaaagage atgtetttee eteegaacea eeaeggetet 470820 ccccctgggc aattgtaaaa gtgggtccgt aaacacccat gttacccaca cagccaagaa 470880 gcagggctga cagcatcctt cccacctaag cgcagtctta tcatcatcac ccgtggagtg 470940 atteteacet tgetttaatt acaatgaaga ggaacatatt ttttteetet teagaageaa 471000 gtgggtaaca actacctgga taaatggggt acttgtgttc ataatgcgtc agctgtagat 471060 cactgctctc aactagctag agctaggagt gaggccggtg aaagggacat caaactccat 471180 cagaagacgg cgtcagaaac cctggggctg gagttacggg tggttgtgag ccacccactg 471240 tgtgtgctgg gaactgatca caggcctttt aagtgagctg caaatactct taaatgctgg 471300 geettetete eageteagee cettgtgatt attetaagee acatetatee etgettttaa 471360 ttatttttat gtcctaaaga gtaacggcag cccagatata ctcaatacaa ctattctgaa 471420 aatagttgca aattgagaac aagaacttag acataaacat ttgaggggaa catttgcttg 471480 accettgttg geceetagat gttgeegttt gtetggeeaa tgggaetgaa aaagaggtae 471540 tttctgagac aataggaaag tgtccttatg aaggggcgga gctatgaggg gtggagctat 471600 aaggggcggg gctatgaagg gcagagcagg ccttcctgtc ttttcattgt ctggagctaa 471660 ctcagaaccg ctaggatttc cacaataata attgagccaa gaaaacaagg atccctggtg 471720 aaaagcctgg tgaaagtgaa gtctctgatg gcgatgaagc tgccacacca atccaccaat 471780 ccaccaatcc accaatccac caatccacca atcccaagca gctccctttc cagacctcct 471840 tttttagcgt agaaataaga gtcttgagtg ttcaaaacat catctggggc atgtctaaat 471900 gtcagccaaa tacagttcct cactgatgtg tcataaaaag atctgttcgg ggttaggcag 471960

caggatagga atgcatgcct ggagccagcc cagaatctgt ctttttatcc ttcgctgtgc 472020 tacttttaca ctaagctcgc tctatgggtt taggaggctg cttaagcatt atttattcac 472080 aattetteat tgaaaataat aagatteaet tetaeggatt eatgataaet aeetgaeata 472140 aaaggaaaaa cagccgtatg aaatggccgg ccctttcttc ttccttacgt ctagcagtga 472200 gacaatcctt ccaatatccc attcttgact ttattccggt gtcctggaca ggagtgtgga 472260 tgttaaaaat taaaccataa gccacagttt aatggaatga tagctgttca gctggagaac 472320 agaaggtggg aaggagtett ecaetgaeac agegetegee aagaaaggee agetgtttee 472380 cgtgtcctcc aagaatggag gacatgatta aaagaatttc ctccctggct tctgtcatag 472440 agctggcttc ctgggaatag aatctggggg tgggggagag ggtgagggag gggtgggtaa 472500 tctcaaggga gaaaggtaga actttgtaag caagcagagg aagtgtgggt ttagctgttc 472560 ccataggtcc cagaaaatgg accaggggga tccctagcag gagaagttac caaaagacac 472620 ttaagtagaa gcacagtgtc acccatctgc ctggggtcaa atggatgtgt tcaatgtgaa 472680 cagagatgtg gggagacatc tttattgtgg atgtgaggcc tctgtggctc tgcatggtag 472740 aactgagagc aaaggaagcc atccttttgc agcctgagag gatgtactgg gagagcatat 472800 gcacacacaa aggagtggtc agattctttt ctggggcctc attcttttc ctcccatgac 472860 aactgacccc tgagaagagg gtttggtgcc aggtgtgatg accaacatct gcaattccac 472920 actettgagg etgaggeaga tggatggeaa egagtaggea agaceageea aggtgatage 472980 aagtcccagg ttaacctgag ctaccatgtg agaccctctc accaaaacaa aggctgcaag 473040 tttacagtca accetgtttg ctctgccctt gacctgattg gttaaccetg agettegete 473100 tetecaacea caaacageae ttgeagetga acacaceeet ceatagggta gacatgetet 473160 ttggcccttt actttcacca atgggaaatg agcagaagtg aatatctctg atgtaagaaa 473220 ttaacaggcc cggcacctcc cctaatatat gttccccagc ctaccgctga aaagagggga 473280 ctcagaaggc cccacaggat ggaggagcca tagttcccag cccaggatga tgtgggatga 473340 ggaggtacta gaactgtcag tatgctggct catgtacttg caggtggtag cctgtttgtt 473400 ataagactga gagaacccct ctcatgaatg ctgaacattt tattatctat catctccctt 473460 ggcaggggtc aaaacacgaa tgtccagtct ctaaagctga tttgcaaatt cagctataag 473520 atatttccct acccctggcc acaagtccaa ttgctagaat ttctggggtc actgttgcca 473580 ggcccaacag ataacagtgc ttaagtatgt ctcttatggg tatctgcaga gaaaacggaa 473640 gggtttccta ggaataataa attcagaaat gattgaggac gaccctggac ttaaatatgt 473700 tacccactga ctctctgatc acaaactcat caagacgtag accttcctat cctcatctta 473760 caagtgagta aacagtgatt ctagaaggtt gttgccagct cagcaaggag gctcaacaga 473820 caagaggcag ccaccaccaa gcttggcagc cagggactga tgtggtacga gagaattaac 473880

tgcacaagtt gtcctgtgac tgccacagag atgccatgtg ggagaggagg gagaaggagg 473940 ttattgctaa gtcctcagtt gaagagttag tgggtagaat agggaatttg agtttgtgcc 474120 tgcacagece caaageetgt geoceatece ceaececace ceaetecece acceecatee 474180 cctgcaagga aacaggcagg cctgtccctt cttgccttgt ctaggggcaa tgcatcctgc 474240 agagetggtt catggtttga geactgatgg attgagagae actgetttee tgggtgttet 474300 gtgtttcctg gtggtacctc atttcccaga tgtcccggct ttccgggagg cgatgctttc 474360 ccacgtgtgt ggcagttcct ggatgtacct cagtcccaga ggtaatgatt ttcccagaca 474420 tcatcatttt tttcccagac attggatatg tcgcttttcc tggatgtact gtattctgtt 474480 gttacgagga gcagagaact cactctgctt ctttctgaag cccttgttct gtggctccca 474540 gatgcatgat taggcagggt ccaaattaca gcgttattac agggctccac acacatccct 474600 aagtggagag gtgtttccag aggcgctagc ggtacacaaa ctaagctttg tttgggctag 474660 gagggagtcc tatttttctc ttctttttta actccttgct tctagaatct gtcacccagt 474720 gttctgaatc atgagtacat ctgtgccaca gaaagtcaag caaagagccc tggctcttcc 474780 tecaggacee tggggtetta ageagtteet tttetggegt ettaageggg catggatgee 474840 tgacaaggca aagattetgt ggetatttga etcacagaat ggteeatetg etettetgte 474900 cgctgtatgt gatttatttt attttatttt tttacttgag gtcttaaact gtctagctgc 474960 ccaggaaggg tggatatgat ggtttgtgat atgcttgacc cagggaattg cactattagg 475020 aggtctggcc ttgttggagt aggcgtgtca ctgtgggtat gggctttaag accctcatcc 475080 tagctgcctg ggagtcaatc ttcaactagc agccttcaga tgaagatgta caactctcag 475140 ctcctcctgt accatgcctg catggatgct gccatgctcc tgtcttgatg acaatggact 475200 gaaccactga acctgttagc cagccccaat taaatgccgt ccttctgaga gttgccttgg 475260 tcatggtgtc tgtttatagc agtaaaaccc taaccaaaac agtagaatat tccaaaagga 475320 gccagagaag tgctgacatt taagctgcta ccttgttagg tgagtgttgt tttcctcata 475380 gactgttgcc agggagtcga ggagggccag agtccatggg agccaaccag agctgtagac 475440 aaatatccca ggccgggtaa gaaacagggt gatctcaaaa ttgggtcact tccccagact 475500 cctttaaaat aactctctat ataatctatg cataattttt atgagagaag atgttttcaa 475560 ggctctctga cacgcttttg atgcacctag ctcaagatgc cactacctcc cacctggatt 475620 gaccttacct cttttattca gttcttgacc ttgtcaccct tctgatagct gccatcttca 475680 gtgtttcagg atgctgtcct gtcagaattc tgctgttggt caaggcgacc caaaatgtca 475740 gcgtcctctg gacacaaatc ctggtctttg tggacaaaca cactttctca ggatgtctct 475800

gtagacacgc catgtctggg tctctctgtc cacttgcatg cttgttttgc ccccctgttt 475860 aagggacate tetgtteate ttgtagteee etacageagt ggttetaaae etatgggtea 475920 ggattcctgt gtgtgtgtgt ggcggggggg gggggggtgt gcgggggcgg gggggggtg 475980 tcaaatgatt ctttcatagg agttgtctaa gaccattgga aaatagcaga tatttgcatt 476040 acaatctgca accccagcaa acttacgctt ttctgtggta tcagttatca gtggctaaca 476100 caaatctaaa tgtcttaaat ggaaaattcc agaagtaaat aattcacaca ttttaaattg 476160 cattctactt tgagtggggc cctgaaatct cactctgccc tggctgggct gggcagagtc 476220 aactgtttgt cacgtgtatc tgccctgtgc cgtctatcac tgaagagtac acaacactat 476280 caggicaact ggcaacagaa tcagagcigc tgitcaaaca gccticgitt tacitgataa 476340 atagcattaa agttataaaa tttttgacgg tcctagaatg ggggtgtgtc aaagagaagc 476400 cacaaagtgc ttcctttaag taaaagggtg atacctataa cagagttgtg tgtgtgtgtg 476460 tgtgtgtgtg tgtgtgtgtg tgtgtgtgt tgtttgtctg tgtgtaagag taaataccat 476520 atgcaccatg tttaccacta tctatggttt catggatgcc ccgggagtct tgaaacatct 476580 cctgtagata aaaaggggaa ataccttggt cacttttcct gttgcagtga taaaatgttc 476640 tgacaagaaa aatgaaagga agaaaggttt tgtttgggct tgtaatttca gagtacagtc 476700 agtccgtcat agcgagtctg tcatagtggc agaagtgtga agtagctgat cgtgttgaat 476760 ctgcagtcag gatgaagaga gcaatgagtg ccaatgttca cctcgcttcc gtgctcccct 476820 cactteeggt aatgagtgtt agtgeteece teactteeag etatgagtee eagtgetetg 476880 atggetteeg tgeteecte actteeggta atgagtgtta gtgeteteet caetteegee 476940 ttactacggg gtacaggacc tgagcccagg aaagggtgtc gtcctccttc agagtgaatc 477000 ttctgaccgg aatcaaccca atctggataa tctctcacag gtatgcttag aggcctgtct 477060 gctgggcgat atcaggtttt gtccagtgac aatcaacact attgaaggaa gactgtcgca 477120 taaatgtggc aatgaactgc ctttggacaa gactggtgag cctccactga cttaggcttc 477180 cctcagagag attcaagcat cttggagaac ttagaagggc actgggttta atgcagtgct 477240 atttgaaata tgtgtatctt tgtgtaggtt tgtgcacagg ggtgcagtgc ccataaaggc 477300 cagaagaagg catcagaacc tttagagctt gaattatagg tagttgtaag ctccctaatc 477360 ttggtgctgg gccccaaact cagtcctctg caaaaatgta catgttttta acagccaacc 477420 catctctcca geceetgeet tgaaattett aaccateece tagtaaggee cacattttea 477480 tttattctga gccaaaccag ttatgtagct ggacttgctt atgcaaacgg agaggttgta 477540 cttatttttt gtgtcttaat agatgtcttt tcctattaga tagctatgct atagatgagt 477600 gagttttagt cacacagtta tgtgtgggtg acacatgctg gctggtgaca catcttcatt 477660 tcagccttta tgttttgaac ttccatggtt ggaggtgttc ctatcttacg tcatctaaga 477720

tactcacgag tttccttcaa aatctgccta tgggaaaaaa taaactagta atcatctagg 477780 tgacctctga ctacctcagt ctttgtcacc tcagttccat ttgtccttta tatgcttgtg 477840 gtaatagctg accccttcc tctctataca cacactcata caaacccttt cctgagattt 477900 ctttgaaata aacaatgtta tagcctgtgg tactaaaaaa aaaaatcaac tacaaattcg 477960 ggatgggagg tagtgaagta attgtaagca agaaatcttt aaaaagagct tcaaggtgtt 478020 tggttgctct gggggagatg agtgagcgat ggttggttat caaatgtatg taacattcaa 478080 tttaactttt taactgagac agaagtttct ccaaagtgga tatacaatat ataagtgata 478140 agtataaacc tatcaaagat tttaacttca ctaaaagatg acagagattc aaatcaaaac 478200 ttcagcgaga tgctggggta gtgacacatg ggtttcagct cacaggaagc gaaggcaaga 478260 ggattacagg tttaatccaa tcgaggctaa taggtgattc tcaggccagt gagcttaggc 478320 agetegteae aaaacaacaa ceaeggtgag gtettggttt geactaacta caateagtee 478380 accatcaatg agagagacac agacagacac agacagagca gaaaataagt attgcaaagc 478440 tctagagaaa gtggatggct tgtgtaccat acagagggat gtaaaatgat atggccacta 478500 tgaaaaacag catgaagatt tetteaaact acaacataga attaacattt gacccagtgg 478560 ttccaattct gaaaatgtac acaacaaatt gaaagaagaa gaaaaaaaaa acacgaggaa 478620 attgcactca caggaacatt attcacaata agattaaagc acccaatggc ccaacagtga 478680 atggatggat gggtggatta aataacctgt gccatatacg taccacaggg gcttgataac 478740 gatgccattc caagaaaaat agggcattat tttggtacac caagcacttc acaataaggg 478800 caagactgaa gttcgtctgg cctgccaaat gtggagggga attctgtaga atagtcttat 478860 aggcataacg gtcagacttc aagcccccat tatccatctc agtagagaag actgtggtgg 478920 tcactattct atggctgggc agagacacca gcaccaaggc aattcttatt aaagaaaagc 478980 atttaattgt gggcttgtgt atagttttag aggtttagtg tgttgtcatg gagagaagca 479040 tggtggcaca caggcggaca tggtgctgga gaagtaactg agagtcctgc atcctaatcc 479100 actetetggg ettggeatgg gettttaaag eeteaaagee eacceecagt gacacaette 479220 ctccaacaag gccacacctc ctaattcttt taaccattcc aaatagtgcc agtccctggt 479280 aactaagcat tcaaatatgt gagcctatgg gaaacattct cagtcaaact accacaaaga 479340 ctgaggactg tgaccacacc tcagcatcca agttgacacc tgtcttttag gctctaatgc 479400 caaagagaat ctttacaccc aaatctctgc cccatcaacc tttacggccc tccacttttc 479460 ctattctccc catctgcaag caaagggata tggacacttc taaatatgct agactgggga 479520 caatcatact agactggaga cccatcatac tagactgggg accatcatac taggctgggg 479580 accattatac taggetgggg actgtcatac tagtetagga etgtcatact atetgaggae 479640

tgtcatacta ggctagggac catcatacta gactggagac catcatacta ggctagggac 479700 catcatacta gtttggaact gtcatactag actggggacc atcatactag gctggggacc 479760 atcacatact aggetgggga etgteatact agtetgggae tgteatacte tetggggaet 479820 gtcatactag gctagggacc atcatactag actggagacc atcatactag gctagggacc 479880 atcatactgg tctggaactg tcatactagg ctggggacca tcatactagg ttgaggacca 479940 tgtcatacta gtctgggact gtcatactct ctggggactg tcatactagg ctgaggactg 480000 tcatactagg ctagggacca tcatactaga ctggaactgt catactagac tggggaccat 480060 catactaggc tggggaccgt cacatactag gctggggact gtcatactag tctgggactg 480120 tcatactagg ctggggaccg tcatactaga ttggggacca tcatactagt ctggaactgt 480180 catactagac tggggaccat catactaggc tggggaccat cacatactag gctggggact 480240 gtcatactag gctagggacc gtcatactag actggagacc atcatactag gctagggacc 480300 atcatactag tctggaactg tcatactagg ctggggacca tcatactagg ttggggacca 480360 tgtcatacta gtctgggact gtcatactct ctggggactg tcatactagg ctggggactg 480420 tcatactagg ctagggacca tcatactaga ctggagacca tcatactggg ctagggacca 480480 tcatactagg ctggggacca tcatactaga ttggggacca tcatactagg ctagggaaaa 480540 tcatataggc tggggaccgt catactagat tggggaccat catactaggc tggggaccat 480600 catactagge tggggaccat catgetagge tggggactgt catactagae tggggaccat 480660 catactaggc tggggaccat catactagtc tggggaccat catactagac tggggaccat 480720 catactaggc tggggactgt catactaggg cgggactgtc atactaggct gggaaccgtc 480780 gtactatect tateetteta tgtteteetg ceettteagt gattteteec eteececate 480840 tgtgcattaa ttattttgtg ggtgttttct cctctttaat cttggtagtt tattccaaag 480900 tagggtagag gagatgtttc attttacctt ttaaaaaaaca gaagagaagt ttgactcttg 480960 ttatcatgcc aatgaacctg gaagacattc tgctaggtgg aagcatcctg tcacagaaga 481020 atacatgtga teceatttgg gtgaggtgee eettgeetee acetaactee agageetttt 481080 tgtcctctac aaatagtage teeteetgee teeeteeett caacetegge acetaceatt 481140 taacactatg teteaatgea gttgggeate egatgggtaa aegggatgat ggteettggt 481200 gtctctctgg catcgcctag catagcatct gcagatacgt tcatgtcaca gcacagaaaa 481260 ggacaggtgt cagcacaaga caccetcaac accaagttet caccacagee atcactecaa 481320 cccgggtttt cttctcttat tcagttcact taacacatat ttatggagta ccttcgacat 481380 gatctaccat ctttggactg ccccgtgcta ttgaagagag gaagacagga agtcccagtg 481440 cccaagatta cacacagacg gagactaaac gggcagttaa gtgaggtcgc ttcaggttgc 481500 cctgagtcct cggaagtagc tacagcaggg agcaggggat ctactcactg cccagcagtc 481560

tcaggggagg gaaaagtgcg cccacggtga taactgaggc cttagcaggg atgagcaggc 481620 caccaaggag gccgcgggaa gagcatatgg gtgaggaaag gtccagttag ggcttggtta 481680 aagaagggga acgagactgc cgccatcgtg aaatgagcag agagcaggcg gccaaggccg 481740 gcagggcaga ccacgaaggc aacaggaaag acgctgcccg ctataggagc gcacaggagg 481800 agcagtggtc tgaacccctt attcagagct ctgcctgcag ttgcaggtag aggtgatgac 481860 ctgagcctct gccttcttct gccttcattg ttctgagaat gacacaggca gggccacaga 481920 gagcccacct gcctgctctg ggactacaga taacatggat ggtggaggca aacttctctg 481980 tettagtgag getaacaage atactggaet tgtettaate ttttttttt ttettetaa 482040 ctatccagga cccagtcctg attgctgagt agatatttcc ttggaactga agcatatgcc 482100 cacctccacc ccaactcgaa cagaggcttg ttaaggaaat aaacaaaact tctgagtttc 482160 aagaagctat ggaaattcac aagaggggcc ctcccttccc aacaccatat aaggagtgac 482220 actititita aaaaagatii attiattiat tatatgtaag tacactgtag cigiciticag 482280 acactccata agagggagtc agatctcatt acggatggtt gtgagccacc atgtggttgc 482340 tgggatttga actcaggacc ttcaaaagaa cagtcagtgc tcttaagcgc taagccatct 482400 ttccaacccg agcagtgaca cttactggag gtaggaggcc gggggagggg agatgggact 482460 ggagcccagc caacctgggt cacacacc ggagagttgt gcagaaagct ctggggatta 482520 tgtggttagc agtttgggga taagettttt cagcagtgcc acaageettt gtgtcaccaa 482580 gtagccctaa taaattcact ggctcaccac agtagaattg ttcctttggt ctgccgtgga 482640 tgtcctatct gggtcaatag acatttcttc atgtctcccc agaacacact aattcttaat 482700 ttcacctgtt cttaaaggcc cagacccaga atcatccctt tgtaacacct ctcagccagc 482760 agectteete ettggtetet aaggteette etgeateett ggtacetgea teetgatace 482820 tgctcggcaa gcactgagaa acagctgcag cacccagatg ggcatcttgt ttttagagcg 482880 tgttaagcct cacaggcaat gagtgatgtg aattcaacat gcaaaatggc tggtgctcag 482940 cccaggagtg tggtgcaaag ctggaaacag agtctagcca cactctgcct ctggcttcac 483000 ctagagaagg gctatgcgga gagcaaaaac tcgcaacttc ctttgttaag tttgcaaccc 483060 aagagggagg ggaggcagaa aagagtcctg gctgaggttc aggtaaggct tgttgtcatc 483120 cccaccccca ccccattctg cctctcctct ctggctgtca tctcaggcat agctcactct 483180 tatecetaca aatatetett eagttatete ettteecaca agttaettea eecaaaceag 483240 caagccagcc cgctttccca agccaggtcc ctggcatcca gaatgtgcct aataaaaaca 483300 catgttgtaa aactaaatga atgaatgaat gacttttttt catgcaaaga agaacgagca 483360 aatcaaatgg gggaggggcc ggaggctccc agattttaaa agaatgtatt gcattgatag 483420 attagatttt etetetetet etetetetet etetetet etetetetet etetetetet 483480

ctctccattc cgaacaagct ttctttaact ggtttctcag tggggtaacc tctcatttcc 483600 caggagcacc aagaaaggca aatcaatatt cacttaagat agcaatgtgc cctagaacca 483660 caggggccaa aggggtagaa catctcaaga ccgcgtccaa ggtcaaacat aagtgtgtcc 483720 ggaattatct cagtgtaatg agccagctgg cccctggtgc ttcacaagac ggctgggtaa 483780 agattcgggc tggcctcagg ccttggccca gcagggagct gagacggggg aagggcgccc 483840 tetgeegagg gtgaagaaaa atacaacetg geagttggtg ageeetatge etagatttea 483900 cttctagagg gccatttaaa acaaaaaaca aaaaaaacct caaccagaga tcaagccaag 483960 gagetgttee teacaageee tetettagee cetteeette ageeeggtgg etaattgeag 484020 tccttgatcc caaggagaca gtgtcccccc actcctgagg ccttcgtttc taagaaaaag 484080 acggccgatt attacttttt ttgttcccta ttaccttcct catcttgggc tctagagctc 484140 cggagctagg ggtcttggtc ctgagaaaga tctcagacac ttttgagtag gagggaactc 484200 cacacgtcag ttgcctgtct ataaaactgc gaggctgtat tcgacagtcg ggaggttcca 484320 actologigg tgcctgcctg gtgtcctatt ttagacccag aatgcgtccg tccgcagaga 484380 gagaacagcg gctaatgagg gatcgtgaac caacagaaac aatggctggg gaccacctaa 484440 gcactttcct cccccaggga aggtagaaat ggctttctaa ggacctgcgt ctctttattg 484500 aatcttgagt gacacctagt ggtccacccg cctcaccgtt gccgaggctt ctgctcagag 484560 gagetttaag taaactggag eteatetttg eetteaaaga eetggggaat caaagacage 484620 ctcgctgaag gtttctagca cttccccgca agcattgtcc tacgtgattc cgaaagaaac 484680 gctcttatct ggagagcttg ctcaactggc acatcgttct agcagcgaat gtgttaagct 484740 agacgctctc ctaggtactg ggaacacaga tgtcccagtc taggctcctg ctctctagaa 484800 acagcctagg ttggtgcaga aaatggaccc gggtttgggg gagtgtttta tttaaaaaaac 484860 caccacttga gctgggtcct ggaggtcaag tagcgtgaca gaataaaagt ggattgacag 484980 cccacaatgt acacatcctt ccactccgtt gttcaaacaa tgaacttgag ggctgctggg 485040 aagagaatet gtgggtgtgg ttaagateee egggtetgee aatettaaaa atetaaaget 485100 tgtccaaggc aggcctcgcc caatcagctg aacactttaa agggactgga atgttcctgg 485160 cagaagagat tggagactca aaaggactct tgtggagttt tctctgattg gttgttcatt 485220 aggaatttgg ctagccggga gagagctgag agccaaactg tgagaaagtg agttctgaca 485280 gtggccaggg cgctgggaga gaagccaaag cttgctttgc gaaaaaccaa gtcccagctg 485340 acgcctgagt ttagctttgc aacaccacag agagaggact caggctgtct gtgctggtct 485400

ataaaactat gattaaccaa ttggagggga tttaagctga tagctatgca atgtgttcag 485460 aagccacaga aaaatggagg gggttggcca cttggagaac aaaagccatc tggccagcag 485520 gaccatgcag gcagacgaca aaggaaaacg tagcattgag aacaggcttt ggatgggagg 485580 cacagtgtcc ttggacagac tgatggctcc ctgtacccct gtgttcacag cgtaaaatgg 485640 agtcgtcagt ggtttaaacc tagagttagt ggtgtgcctg catagacagg gctcgataca 485700 gctcaggaac tatcaagtgg tcagaagatg ttaggcaact ctagttgtag ctcttaatcc 485760 tttgttttgt ttactgggat agggggcatc taagactata tatccctgac cctacctttg 485880 ttcttactaa atcagactct ataagtaagg cccaaggacc tgaactcaca aagagcttcc 485940 agaacgagag ggtgtaactg caccattgca gtagttatac atcagtaagc agctggtaga 486000 atacagaaaa ggcagtaagg gcagggtgtg cacatgacag gctttgaggg agcaccgcac 486060 cgtctaaagg ggtgaacagg tcaccagaga atgtgctggg atcattctga gaggtgggtg 486120 gggatgggga taatgagtgg tgttgttggg ttgtgagagt ccaggaatct tgtgggcgtg 486180 cagctggaac accatatagg cagaaacact cgaattcagg aaccatactg ggaccggaat 486240 tacaatgtgc gtgagcacat gatgtcatag gtgtggagaa cagaactgaa aacatgtggg 486300 cggaggtgtg ggcctctctg gaactgagaa caagccatca ggaagacagg aaaggtgctg 486360 agtgggacat gggccaaggg agacactggt caccagtgtc cctggccttg gaagattcca 486420 aagggacaaa gtctgggagc tgctccatca atggcaaggt ctgcagcact cacagactat 486480 ggcttgggaa tggacaggaa gcaagagatg ggttgtgctc tttggcttca gaagcgaaaa 486540 gggaaaacag ggtagaagct agaaatgggt acaccctcac cctgcaccaa ttccgttgat 486600 gtgaacctag acaccatc cataaacacg gctgtggcag gccgccaaga acctgctaac 486660 cttgaactgc atagggcaag aagcataagg ctctaaggaa agaatggtta cctggttgcc 486720 aggccaagtg tgcagttatg ctccaaagtg tgccacagag ttcaggaggt aaaaaacgac 486780 aactgggcag gggaccttct ctctggggac atgagtgctg gctggccaaa ggacactgag 486840 ttgcagaagt cctagctagg gtgaaagagc acaaattctg tgaggaccaa ctgtatgctc 486900 tggggaaagc tactttagca ctctctactc caagagctca tccattcagt ggaaacaata 486960 gccagacttc cccagggcca ctccctggga gagccccctc agtggtggtt cacagtgagg 487020 gctaacacat ggcagcgggc ctgaagagtg tttgtatttt ataagtcaga caacggcaga 487080 teggeeagaa eeeetagaa ateteacaca aaacaagetg aaggeettga etatgateea 487140 cgaggccacc tgccactgtc ttctcttagt ccctctccct gggtcctcac ccctccagca 487200 tggttgtcct catgatggat gggtgtggat catcagacac atggagcttt acccccgaga 487260 ccatgtccag gcagctacca ccgagctttc ttctctgtag atgtatgtaa ggtgaatgta 487320

tgagaacttt ctggaacttt ggaatggaca ccattgcccc acacatctgt tcagctgatg 487380 cctagacaca gagagcagaa cttaatttct aaagtgaaat tcagtagcta aggcaagcac 487440 ggcccctctg ctcaaagagg aaaggattca gagctgaaat gctggaacca caccgcctag 487500 ttccaaaccc tggcttggac accactcacg taaggtetet gtgttgttee tetectcatg 487560 caagacagga ataatagtga tacctaccta tctcataagg gttatgaaga tgtatatgtg 487620 catatatata cacaccaca cacacata tacacataca tatacacata catacacaca 487800 ctacaccata cacacactat accatataca cacacagaca ccacatgcca tactgaacat 487860 cagacacaca ctataccata cacacacaca gacaccacat gccacactga acatcacaca 487920 cacacatata tacatacaca cacacata gacaaaggga gaaagggagg aagagaagga 487980 gagggagaaa gagagacagt gctgggtata tgacaaaaaa accaacaaac aaaaccagcc 488040 taagggccaa caacatatte tgegtgggaa tgeaceagte tageegeeet ttteatagge 488100 actggtggag aacatggcat caagtgccga atacatggtc actcgccatc cgcagcagca 488160 gcctgtgtcc gtgcctgtgt ttatccccga cctgaagcac catggagtga tacaaaaaca 488220 tgggctttta taagaggaaa teetgagtgt gggeageeee tgttetteat actaggeagt 488280 gacccctatc cgttctcttc taaggatgtt tgctaataac tgtctctgaa gagctaatac 488340 ataatcctgc ccacacggtg ttcatgaaca ccggagcttc acagacaatc agttcctgag 488400 agtgtagggt ggaaccggca ttactattgc aacaggcagg gtcctctgaa gaaacagaac 488460 atgtggactg gtagtccaac aagtctgtct cacactggag aggccaagta ccttgtagtt 488580 atgtetttga agetgggtae etcaataace etagteeggt geteetetag aggaetggag 488640 gagtcctgga gagccttagg tctaagttag aatgccagtg acattagttt taatagcagg 488700 agttttaata gttggacagc aacaggatag atgaacttgt cagccagcct gagggcaagc 488760 aggcacgaac cetttteett tttecacate etttggtetg ggetgteace agaaggetgg 488820 gtcttcctcc ttctgataat caagaaaatt cctcaccaga gtgcccaaca tcttgggttt 488880 tagctgattc cagaagctgt caacttgaca gctgaggttg gccctcagaa ctgccgtagg 488940 aaaagtgaac cctcgaagca tagctttatg tctttggacg actctggaat tgctagaagt 489000 tggagtaaaa ccagaaccaa gagacaacaa gttacccaga cttctggcaa gtcagagagt 489060 ttgagtccag gttgagtgac tagactacta agtgtgcctc acaaatggct tcctcgagga 489120 actgctgtca gcagttgagt gtgatattgg gcgaatgagt gttcaattgc atgagggata 489180 atctatcact ctctatcgag aaatccaggc actcgatctt ttttgacagg cagcacgtat 489240

attctattgc caggaaggaa ggcagttgtc aaattcctaa tttttccctt tgaaaaatta 489300 acatttagct caaatgtgag agctggggga acacacaaga ccttaattac aaagtgcaat 489360 tcaagatctg tactaattaa taagctgatg aaaaattcat tgaaattcag agaaagaatc 489420 aagggacggg gaaaaggagc cggccagggt taacatggcg ttctataaaa tgtttaagtc 489480 tatcgaaata agcagccacc cctctgtcgt aattacaatt taatcacttg tgtgattgtt 489540 tcatctgtaa aacttggttt gcacgtcaaa agatgtacag agaatatttc tttaaatttt 489600 gtagtttctc acagcaatat tacaccagat taaaagcttt aaagaccagc ttagatacat 489660 aaaatattgt ttgtttgttt gttttgtttgt ttgggacagt gtctagctag cctgggtacc 489720 ctgaaaccca ctatagccct aggtagccca aaattcacct tgaacttgta aaaattctcc 489780 tgcctctgcc tcccaggggg tgacaggtgt gtctaggttc taggctcagc tatatcttta 489840 aatgtaaggg aacccactgg aaccctgatg ttgctgttca ctagctgtga cctccaacta 489900 tccagatagt cccttagggc agcagttctc aacctgtggg ttgcaacccc tatggcaaac 489960 ctctgtcttc aaaattattt acattatgat tctcgacaga agcaaaattg cagttatgaa 490020 gtagcaatga aaacagtttt atggtcgggg gtcagcacaa catgaggaac tgtattaaag 490080 ggtcacaggt ttagcaaagt tgagatccac tgcctttgag tttgtctcct gtactaaaca 490140 gaggtagaaa tgacccccc cccaggctgc agtaaagata actgttttgt attgcgagtc 490200 agtcatggcc ttcccttcca gattctgagc tcagtcagat ctggaactag atgaggccaa 490260 aacagagtta agtgttacag ctgggctggt ggacaagaca tggggattcc agctaccctg 490320 tgcttggagt acceaectg ecctgeetge eagetaceae tgceaectea geeagaectg 490380 ggaatctgat gtggagacta gatctgcaga gacaaactca aacaggctcc ccaagggaag 490440 agggetteet etacceacce tgcaccecet eccatgagaa acagaaaaga gagetgetgg 490500 caaggaaggc ctcctaggcc ttaaggaggc ctcagctacg gcaggtagta gactcccctc 490560 agaggaagag ttttgcattc tcaaggaggt aggctatgcg tccttggccc cacaaaatca 490620 gtcccttaaa cagagacgtc accaaccagc taagcagatg tgaccatcag acaaacaacc 490680 tataatggtc ccatttcctg agtcacagag tgacaccett caacctgttc cacgtcacac 490740 aaatcccaat ggccaactcc ccaccccacc cccaacatgg ccatcaaagc atctttccaa 490800 accagaagtc taattcatgc tgataagata aaatccaggc tgacacatag gtccagttta 490860 tgtctcatgt tgccttcccc ttaccacatg ccttagttgc ttctcctgtt tctgtgataa 490920 gaaacaccct gacaaaacca acagtaaagg aagtatttat tttggctcag ggttctagag 490980 cacageteet ecceeataac acceateata acageeaagg tggetggage ttgaageagt 491040 cettettete tteeteeaat ecaaaateet ageeeaggga atggtgeege ecaeagtgga 491160

caggtcctcc cacttcagtg aacctaatca cagtagtctc ccagtgtcat tctcagaact 491220 ccatctccca gatgatgcta gttgcataat ctttcaagtt gacaactgag attaacgatc 491280 acaccacctt acaagagatc tctttcccta tagtccccct aaccacttgc cgtcccaagc 491340 gcattatgct cttgagtctt cctgatggaa taaccctacc cacatccagc ctgggcatag 491400 gtgtgcacct ctcagaaccg tcttagacca cacctctgcc ttgatactcc tccacactgg 491460 cctccactgc agettggccc cttggcagcc tgtggtgcca caettcaget etttgattaa 491520 gcatgcacac agaagccaac tgtctgaatt caaaatctag tatctgtgag accttggcaa 491580 actagtctag ctcctgggct tatttattgg caaaatatgg gtgccaacag tagggggggg 491640 ggctggaaag attatgcaaa gttcagagag cacctatgga gaaaacctga cctgtaaacg 491700 taageegtat ttaaggtatg ettttaeett eteetgeeat taettgtaet etgttettgt 491760 cttttttttt ttttcttca atttttcatt tttaatcctc aaagactttt ttttctggtt 491820 tccaaattat tcttggggtt ttttttgttt ggttttgctg tggttttttt ttttttcttt 491880 ccatttaaag tgttttgaat ttatgtatct gggttttgac tgcatgtata tctgtgcacc 491940 atgcgcatat ctagtgatta cagagtccag aagagggcat cagatccccg gggactggaa 492000 tcatagatgg ttatgagctg ctgggtaggt gctaggaatt ataccaggaa cttctggaag 492060 agcagctggt gtgcttaacc gatgagccat ctctcatttt taattttttt aaatgttagc 492120 acacaaagca acaggtttca ccgtggtctt tttcatatac ccattgtggg gctgtgggtg 492180 taggggaaag agaggggagg gagagaaccc acgtccggcc agagttcctg tgctctgggc 492240 aggtggatgc gggaggactg ctagatgctt tccacttggc ccctggtggg catctggctg 492300 tgtgaagcca ctgaccccac atggtagggg gtggacaagg ggcagcccct gatacaatgg 492360 gccccagggt gacacteteg getecagaga tacaagtgga gggcagagga agagaggtte 492420 tcatgcaggt gagggtcctt agtctggcca gtccgtggct ggagcacaga aggccttctg 492480 atgggagatt aggcacggct cgttaggaga aagcctatcc catcgtccaa gcacagcgga 492540 ccttgatgaa cagagacagt ctatggtttt agagctttat tgtagaaagg ctagagtagg 492600 agggagagag taagagggag agagtaaggg ggagagagta agggggggag agtaaggggg 492660 agagagtaag agggggagag taagggggag agagtaaggg ggagagagta agagggagag 492720 agtaagaggg agagagtaag agggagagag taagagggag agagtaaggg agagagtaag 492780 ggggagagaa taagggggag agagtaaggg ggaagagagt aagagggaga gagtaagagg 492840 gagtgagtaa gggggagaga gtaagggga gagtaaggaa agtaaaagct taagagagca 492900 aggaggggcc aagcagcccc tattatagtg ggctgtgtta tcttgctgtt gctaggtaac 492960 tgggagtcta gcctgaaggt cagaagcttg tgacattatg tgactactag ccacatgctt 493020 ctcctgtggg ggctgtgggg acggtaattt tgacaggagg caggggtcca ggagacatga 493080

gagaacacct tctgttccat gtaggtgaaa acttccacca ctgggtttca ctggggttca 493140 gacctcaact ggactggaga ccagactgtg tatagcccaa tgacccacaa cccattacta 493200 cccttaaatc taatttgtcc ccttcaccct ccttcatgcc atactccaca ttattttctt 493260 taaatcgact ccccaagtct ccaaggcaga gtccacggag ttctagcaga tgagctggtt 493320 gtgtctatat aatatagatt tagtaaaatg tataattcat taaataaaac ctagctgtct 493380 geggeatete eagecattgg etectetece tacacatgtg aaaaaaceee attttagaca 493440 atgactcagc catgtgtcca tctgccagca aagactatat acgctgtgca aaggcaggca 493500 ccaaaggctg cctcgtgtct cggttagcaa atagtttata aattatcttg acaaatgata 493560 gccttccatc gctgtgcagt tggtgagcag aggtggtctg ggatacccat cccctgtttc 493620 ggcagctgga acagcctatg tgaaggccag acaataacag atgaaaaact gcaaaagcca 493680 gggaaggtgg tgtgtgtctg tgattcccaa ttcaggaggc caaggtgaga agatggagag 493740 ttcaaagcta gcctaggcta catggcaata ctgtatcaac aacattaatg atgacagaaa 493800 aatagaagag cgaatttatc acaggtcctt ggggtagcca gggtgacctt ccttcctgtt 493860 tcctctcctc cctccaacat atggatgtct ttgctttttg acagcaggtt agaagggggt 493920 ttcagggtag aatgaatcag aaactggggg gaggggggag catctgattt ttagcagcag 493980 cagcagcagc aacagcagca gcagcagcag ccttccacta ttcacaaagc acctgtcccc 494040 tccggcttga agaaattaga agctaatgat ttatattgaa atctaacgtc ctatttctgg 494100 cctctctttt gatggacagg tcagaaaata cagattgatt tgaaagccta gagctcttta 494160 agaagagtag tagttactcc tccgtgagac tctaagaaat gagggggggg gggaattcca 494220 acgccaggga gggagcaggg teetggagga aagecatgee teettteaaa ggaaactetg 494280 acaaccactt ctaatctgcg ttcccttccc cagccttcca gacctcaaat tggcagaaaa 494340 taattttccc ccctgtgcga attaaaacgc cctcgagctg caagtagtta gattctctgg 494400 acagtggcac cgttctgatg ttatcggctg tcttcctgtt ttcatgaata atgtataaga 494460 agaagcagat attaacggtg gattetteea tggetgacgg tattgccace agacaagtet 494520 gtgaaccttc cacagttgat tcatctgtag ctcttacagg tcttcacact ctgggctgtc 494580 atgtgccaag aactttggga ggcagcctat ccctgctgtt ttcttagcag taaaaggaag 494640 gaaggagaa aggaaggaag gaaggaagga aggaaggaag gaaggaagga aggaaggaga 494700 aagggaaggg aagggaaggg gagggagag gaggaagggg gtcctctaga gtgccgaaca 494760 ctagacaggg cattagacag gccgtggcac tgcannnnnn nnnnnnnnn nnnnaaaggg 494820 agatccacgg gtaagcgaat tcgagagcga atagaaggat acaagagagc atgtcgaaga 494880 tggtgagcaa gaaaatgtag aagatgactt gtggagagta ataatagaag agagagataa 494940 tagagtagga gagcagagaa caaagaactg aaaagagaat gcgagtgaag agataaacca 495000

cgggaatgaa aggtcaaaag ttaagaggta gacagaagtg tcaaaatgga acagtgtaaa 495060 aaaggaaatg gaataatgag aaaattcgag tggcaaatta acaatataaa ttagacattg 495180 ataggagaaa agaaaagggt tgaagtgtac cagagaggat aaagaaaatg taagaggtat 495240 aaggaaggag aataggaaag gagataaaaa agaaaatccg aataccataa agtgttgaaa 495300 tatagggaag tgtaaagtaa aggaaagaag aaggtaaaat ggagcgcaaa aacagaagga 495360 gagcaaatac aagaaaagga caagggaaag ggaacaagag acaggataga aagagcatgg 495420 aaaaccataa acgagcccac gccagaccag gacgggacaa acaaaaaagg gagaaagaga 495480 aggggaagaa aaggcaagaa agggaaagga aagggaagaa aggaaaggaa gggaagggaa 495540 ggggagggga ggggagggga ggagaggaga ggagaggaaa ggagaggaaa ggaaaggaaa 495600 ggaaaggaaa ggaaaggaaa ggaaaggaaa ggaaaggaaa ggaaaggaaa 495660 ggaaaggaaa aggggggaga agaagagaca cccgctgtct ttcctccttc tgtggtccca 495720 catctgagta gccctggagc tactggtggc aacaagtctg tcgacttgat gtctgatgat 495780 acctacatgg cctgtatggg tcaatcagtc cagctctgta cctaaatgcc tacccagaga 495840 atgtccggca ttttgggcaa gcatttgggc aaaggctcga gtcagaagga aagccatgcc 495900 taaacctgct ccttttccta tctatgttca cacgtattat gtctttggga aggaaatgaa 495960 aatcttccag ccccacattt gactcatcca tccaacatat ttgtattttc tgtgatgctt 496020 cccacgggag agccacactg agatcagtga ttacaggacg aaagctagct tgttaagaac 496080 atataaaggg ttaataagga agtcagtaca ggggatgcga gtgaccgacg agctagggtg 496140 cagaaagatg acaaactggg agactgaccg tgcattcaag gcgctgggaa cagcatgcac 496200 aaagtetete agagaagttt agggtgaget gttagaggaa eetgaagata geecagagee 496260 tgaggttcgt aaatttggct tcaacattca acttgaccct cttccttgat tctctgatac 496320 cccttaggga ctgaaaagtg tttcatctta gctttttcca cccacctgtt tccacacccc 496380 ccctcaccct ctgaggctta caaccttctt aatgctgcaa ccctttaata cagttcctca 496440 tgtcgcggtg accetectea accataaaat taettttgtt getgetteat aactgtaatt 496500 ttgctacttt taggaatcct aaggtaaata tctgatatgc aggatatctg acagagacct 496560 tctaaggggt cgagacccac gctgcttcat gggccccgtc aactgctcct tcatgtggtc 496620 attaaaacca aactettete atcateagag eetgteacet agaaagaaca eteegaatge 496680 agtgagcgtt tgctgagccc cgggttgaga acctataaag catcctgaac gccccgcgag 496740 gegtegtgaa ataagteaca ategaagete ggtgaaataa gteacaatee eeaceaceae 496800 caccacacac acacacagca gtgtcatcca gtcagtcaaa gggatggttc tcacactaat 496860 gatcttagat atttctcaga atataacatt aatctttaaa agcaggatac aaaattcatc 496920

ataaggcaca ttctctgttt catgtggaaa aaaaaaaata tatatatgca aagaaaaaga 496980 gaagcaaagt cagcaagccg tccctggcag tggcactact ggggacttct gtggttcttt 497040 ttcatgcttc cctgattcct ccccccacca aaatgcgtta actaattgaa ataattggtg 497100 attgaaataa tttaatttat ttgaactata gtcaggcact taatacatgt cagtatcatt 497160 tgcaattcag tgacacacag aatattaata cagtttccct cctaaagaaa agtattgaat 497220 ttggctgctt ggttttagtg tggggttgta gctcttgttc tgagacaggg tttcacgaat 497280 gttagagaat gttagacctt gaacttgtta cagagccaaa gaccaccttc atttcctgag 497340 cattgctggt gtgagccccc tgtcccgctc agggaacact ttgggaattg tagtgggtta 497400 gettgatget gettgtatta taatgetaat attggteece caatactggt tgeeceagag 497460 aggagagagt ctgctcatag ggtcactaag tgacccttcc ccgattggta aataaaagat 497520 gtcaacagcc aatagctggc cagaagggac ataggtgggg ttcaggtttc atggacttga 497580 ggtcagagga gaaccacaga gaaggagaga agatacagga ggaagaagga gaagccacca 497640 tgggttaggt gagccataaa aatgtagccc tgagatttta atagcatgta ggcaggtatc 497700 caaccagete tegtgetttt taaggettat tgtaaatata aaggeeaegt gtgtettttt 497760 ttttttttttc cagaaactaa agggtcaaag gcagggtagc aaccctgggt tgggattaaa 497820 aatttcaaca acaggtaatt tgttttcttt taagataagt tgctttttaa aaacaagggg 497880 taggggcttg gtagatggct cagcagttaa gaactcagac ttgtcttgcc aatacctgag 497940 tacagttect gttaccaeac aagetecaag agtgtetgat gettetgeee ttggtaggtt 498000 tetacattaa eatgeaegtg eeccaeecet aacaeeece eeccaeaca acaeacaeat 498060 ttaagaccag ttattgaaac tcctggaaaa taattccaaa tatgctctct tctgctgaca 498120 ctggaagggc aaatgccatc aaacagcatc ttgacagtcc ctgctaagga tgccaaagac 498180 acatgagtgt ccatttgtcc cttctcacca aggcaagaac aaggcccctc ctgtcaggtc 498240 ctttcaaccc cagcctccgt ctccatggag ctgagagttc tgtgctgctt gcgcttgcgc 498300 ttgcgttaca gatttcatct ccactcccct gcctgctccc ttcagctcat cccccactgc 498360 aggtacattt ctgagagatt tccccctagg aatgaacctt ccaggattca gggtagaagc 498420 ccatgcctga agcccagctc tgactggctg gatcctaact gtaccctgtg caggcagggg 498480 cttgtgatta tactacagac aaagccagtg gggaaacagc aggagcccaa ggactcccgg 498540 gagctaagag tgattgtttc tatgcaaatt gtttttcata gtagggagat aacaggcaaa 498600 tgaaatataa gagcctggca gagatttttt tcctaaacca agtctggggg ctggggactc 498660 tetgatagae eeteagegtg tetgttttaa aaagaatett ttagatttat ttattgtgtg 498720 tgtttgtgtg tgtgttgtct gtatgcatgt atgtgcattg tgtgcgtgtg cgcgtgcacg 498780 tgtgtgtgtg tgtgtgtgtg tgtgtgtgt tgtgtgtgtg cctgcgagtg cagtacctgc 498840

agaagttgga agagagcatc ccatgacctg gaactggagt gacagatagt tagttgtgag 498900 ccatcaggtg ggtgctgggg accaaattca ggtcctctgc aagagcccac actcttagct 498960 gtggagccac ctctccagcc ctaagctcag cttgtcttta acagggaaac gctgaacgcc 499020 ccataacccc aatcaagcag aaccaaattt gtctctagtg tggctcctct tccaagccta 499080 gcctcatcag cgactctttc tgctccgcca gcgttcaact tagccttgac tggagggttt 499140 ctttcagaat atagtagtac tttctgccag ggaaaactgt tttaaccaaa gcatgagctt 499200 aagtgacaga caggaggagc aatattaagt ccaatcagtt aatattgagt tgtcaacttt 499260 catatgctag ggggaaactg tctagaacat caaaactata ggttttttat tattggctac 499320 ggcggcccaa gctgtaaaac gggagttaat ggagagccag caaagagaaa cgcactaagt 499380 aagtcatgat atgcatgcta tgtaaatgtg ataaaaatac ccgtgaagtg gcgcatacat 499440 atatgatgtt tggaaaacat aagaagcaat tctgcaacaa gtccaactcg gctcctgggg 499500 aagggccaga gaaaattagc tggctcatgg agggatctca ggcatggatg tgtgttgta 499560 attctggatc atcaatcaat ctttgcactt ctgaatcctg aagcctcctg gagtctcaga 499620 tctaagttta aagacgctat acttggtctc tggcagggaa agggactttg ttataaccat 499680 cgggaaaatt tacacacaca caaacacaca cactcgaaaa cacataaaga gtccactata 499740 agaataaaaa ctgggagctg gagagatggc tcagaggtta agagcactga ctgttcttcc 499800 agaggteetg agtteaatte eeagcaacea cacagtgget cacaaceate tgeaatggga 499860 tctgatgccc tcttccggtg tgtctgaaga cagctacagt gtactcatat aagtaaaata 499920 aataagtett ttaaaaaaaa tagtaaaaac tgtteeetgt ggcattgtgt gcagaaatga 499980 gagggtgaag aaaggacaga gatacatgct cagaagaact ggggccgggc gggctggcct 500040 cattctgctg gatgaagtcg caccaacaat acaataataa cccagaatct cagaccatgt 500100 attatgtaca gtgccgggaa aggagttagc tgggcatggg aggaactgtc tatgggcagc 500160 catctcaggc tgtgagcatc caggaggagc aagctgcagc tgctctgatt gtgcgcatcc 500220 tggtcaatcc tttgtgaaca ccaatgcttg cactaggacc agaggaaggc tttgtcatcc 500280 ttcggaacct cacccaggga aggcattgcc actcctgtgg gtctgaggca gtgaggtcct 500340 tgctgtggca ttgcctatgt agaacaatac tcgagggtcc ctccactact cacagtcgcc 500400 ccctgctggt tgctgtaact tttcctatct gacaaaacaa cccaagttca tccctaggct 500460 gccgatgcct tgtagccctt tggcaggcag gaactcattg gaaaccacta aatatgttag 500520 cttgactaaa atgtgggtag ggataaagag gcctctttcc cctgtgcagt acattatcat 500580 gcatagacca cagtcaagta gtttgggagc aaatgttttg ggttcaaatc cagcctttct 500640 cgttacctgt gtgatcttag gcaagccatt aacttctctg tgtttgagtt gcctcctctg 500700 taggatggag atagggctgt ttgctgcata agatagattt tcatataaat taaatgagta 500760

tctatacaca aaccacttac aacagagctg gcacacagtg aaggttgtaa aaatgtgacc 500820 tgttgtatga gcaacaatag tcttccctct tatgaactaa gataaaaatc ttttccccta 500880 gacatcatta actcagccat atgccttttg caaaaaccat gaattgcagt ctttccccct 500940 atcettecat aggagtecee gagetecate cactatttag etgtgggtet etgeateegt 501000 ctggattaac tgctgggtgg agcctctcag aggacagcca tgcaagacag gagtcttcaa 501060 gcataacaga gtatcattaa tagtgtcaga gattggtgct tgcccattgg atgggtctca 501120 agggggattg cccagggtga gaagttctca ccctctcaga ggagaatggg atctgatgcc 501180 ctcttcccgt gtgtctgaag acagctacag tgtactcata taagtaaaat aaataagtct 501240 tttaaaaaaa tagtaaaaac tgttccttgt ggcattatgt gcagaaatga gagggtgaag 501300 aaaggacaga gacacatgct cagaagaact ggggccaggc agactggcct cattctgctg 501360 gatgagaagg attatgggag ggagtaacta ggagggggc agggagcagg atgcaaagtg 501420 aaaagaaaaa agtatatact actcatgtgt gaaacctaaa aataaataaa tgttaaaaaa 501480 aaaaaagata aataagtgcc agccattgca gtaagccctg gaaataagaa aacctctttc 501540 tccttaagtt ccctactgag tagggttggg ggctgggcat aagaggttgt cgctcagcaa 501600 gctctgccaa aagagaaagt tttctgtccc tggttgattt ggaatttgag gaaacactaa 501660 gcaaacacca tatgacagtt attgaagtta aatgaagcaa aacttgtgtg acaatgtctg 501720 aaacaaatgg gagccttgca gagaacaaat aattagaatc ctgtcagacc cagtacataa 501780 acttcggctc ccaaacggtc ggggggggg gcagttgagg cttggaaagt ctacccctgc 501840 cgtggagcag agtcctggct gaagtccaga agaatggaat cctggtagaa gcttccagaa 501900 gagaaacgac caaggacatg tgagttacac tccgatacac atcatgtttg aggaagcacg 501960 ggctgtggat agaaactgga aaaatccatc caggttcaga gccattggaa tccggctact 502020 tctctttgtg aaaacttaag tcacttgatg tcagcttacc taagttgtcc taactcatgg 502080 tatatttctg taacctcctt tgggtctgtt agcaaaacca gggcaacatg gtgtacctgc 502140 taagtggcca ctatcagaag gcacacatcc aagggcagtc acttagctct cgtcagggag 502200 aattaactcc tgaggtggct acacttcctt ccacagagga tatgtcaatc aacagacagc 502260 gcttcttttt atttgtaaat gagtaccaac gtttgttttt attgctgaaa ttaatgcctt 502320 gtcaattagc aagctacatg ttagaaaatg actcattaaa gataagtcaa gatgtgtggt 502380 tggctcaaaa tgctgagaga tagataacgc ctcctcccca acacactt ttggaaccac 502440 agggaataag aatgaggtta ggcctctgag gtggtgccca gtgtttaatg actcctccat 502500 ttgccttgag aaatgttttc ttgtgtgctg cccatcaggg tccagggtct aacctcacag 502560 agtttttctg taagtagtct tttgtcctgt gtattaacgc atagaaaagg ccagagatac 502620 agagetttae ecagtetgea geceeettat atgeteetgt ggeteattaa ttgetaeeta 502680

caactacaag tgagggagaa ggcagcttgt tcgttgtctt caattccact aggccctaca 502740 gtctgaggaa tgttctagta cctcaagctg tctcctggct gttgctactc tccaaaagaa 502800 aatgeagtgt gtgaetgaee tagaetagtt ggatteteaa getagaaett eatggaatee 502860 agtettaget tgetetggtg tgtgtgtgtg gtgtgtgtgt geteatgttt gaggggtgtg 502920 gacttatgca cagcacatca atagattcca aaagatagcc tcagatatta tttctcgatg 502980 tettecatet teetttgaga cagggtetet cattggeetg gaacetgace acgtatacea 503040 ggttcactag cctgtgtgca tccagagate ttcctgtctc tacctctcct ttcctgttac 503100 taggactaca ggtgttctgc aaagaggttg cttcgttttg caggttatgg tgatccaagc 503160 teagatetee atatteatgt geaagtattg tacaaactea gggatgttee tggeeceagt 503220 tettgaettt tgtgtatgeg taeatgteee aaataagett geeettettt aagttgtttt 503280 gccttgtgcc ttgttacaat agcaaaaaga gtaccccata tgagggaaga aaatggttgt 503340 acttagecat ecceetece aaceeecee ecteeegeag ggatggetag gtgtagtgac 503400 aactttggaa tettggttte ttttaaaaaa catggaaata ttataacaat atgttetegt 503460 tttaatcccg ggtgaggata agaggctgct tcacagcagc tgactgtgat ttgcctcatg 503520 ctctagcagg ggtgtgatct tgccagaggc agatagtttc tacaattgtg taatgtttgg 503580 aattetggge eecacgagag gttgeagggg geggggggg ggggtagtat ttgetggttg 503640 ctgttggttg tggtaggttg ctgtttttaa gtagtgatgc acaaagaaga agcaacaaga 503700 agaaattaga tatcccaatg gtaaagatca aacttacccc caaggaactc gacgcctata 503760 atcagcagga agcagtctac caataatgtt accetetttt gacetetgae tttatttggg 503820 aatctctttc cttttctcta ttatttttca ctcttatcta gggttagggg gctgaagggt 503880 ggaggaggat ggaagaaaga agaacccaca aagtcgcaaa aggcagcttc agacgggagc 503940 ttagcacact ggcaataaag caccaaatga cgcacgggac actgatttgg ggtcaaattt 504000 ggaaaaacca cgattcttgg ttagaaactg agaacaacag aagagaggaa ccatagtcat 504060 ccctgatgga ctgacccttg gcttaactgt gccagcaaca gaacagtgtg gatatagcaa 504120 gaatcatgtt actctttagt gttgtagaag ccagaatggg ttaaaggcgt tgcaggttgt 504180 ctgcttctca gggctctgat ggcctgtcct gacacatctt atattctaac tgcattatag 504240 cttctacatc cggagtctta taaattgtct tcttgtcctt ttccttaatt ccagggtctc 504300 tettagtgae gtaagetgge etggaateee tggaaceeae ageaateggg ettetgtett 504360 ggaagtagtg ggattgcagg cttgctgcac caccatgcct ggctacacat ctccctctga 504420 taggaacttt atcetttgee cageteeaaa gggeagette ttetttette tttttetet 504480

cetecteett ceteteceet eteceetete etteceeete teetetee cetettette 504660 tototococt otococtoto ottocototo ocototocae cototoctot otococtoto 504720 ecceptates tetraceet eteccecta tectecceta tecetatet cetecttett 504780 ctccttatta ttattattaa tcaatcatat atatgcatgt gtgtttatgg aagaatatgt 504840 gcatttgtgt gcacgtttct gggaggccag gaaagggtgt tggatgcctt agaactggag 504900 tcacagatat gttgaactga gtactggaca ctgaacttgg gttctctgta agagtagcat 504960 gtgcttgtag ccactaaatc atctctccag tccctagagc agtggttttc aacctgtggg 505020 tcatgactcc tttggagcca tcacatacca gatgtttaca ttatggttta taacaggagc 505080 aaaattacag ttatgaagta gcaatgaaat aactttatgc ctgtggtcac cacaacatga 505140 ggaactggat taaagggtcg cagcattggg aagatgggaa ccattgctgt agagaaaggt 505200 gtctctatgt ctatatgtct atcctacaca tagacagtac gggaggactg ttctatggtc 505260 tttatgaatc aaagaagcca accttcttca tttacatttc agttaaatta atttgcatat 505320 tettttgetg agttgtetga ttgageacaa gteaggttaa tggeteteaa tegtgteeet 505380 ctgaattagt ggcacatgta tattcccaag ccagaagcag ggatgaagat acactcctgt 505440 aatctcagca catgggaggc agaggcagga ggatcaagag gtaaaggcta acctggactg 505500 cagaggagac actgtttctg aaaataaaag ccactgtatc attcatggtt gcatacggta 505560 ccacactggc taatgtctag gctggctcca tttcttgggt attgtgaaca gtacagcaaa 505620 cacgaatgcg gcagtttctc tgtggtatgt tgacttagag ttctttggga agactctcaa 505680 gtagtatata aagagattgt ggtagatatc cacaatggag cttcatacag ctgtaaagaa 505740 aaatgaagtc attgcgtttg caagaaaatg aatggaactg acgatcatta tggtaagcaa 505800 agcaatccag acttagaaaa acaaatatca tgtgttttct tttatatgtg aaacctagac 505860 ttaaaattgt gtgtgtgtgt gtgtgcgcgc gcgcgcagtg tgacaaaact agaaatatga 505920 aaaggaggaa agagatetta aggaagggga ggaagaggaa tgggaegtgt atgtggaage 505980 agaacgtaac tctttgcagg aaggaaagga aggaagtggg caaggggcct aggggaaaga 506040 tggaggcggg agggaatgaa tgagaaggaa gtgtatgcca cacgtgtatg aaaacgtctc 506100 agcgaaacca gttatttact atattgacct aaaacattca tttaaaaaaaa cgattacaaa 506160 accaagcaaa caacaaaact ccacatacat tgcagaccgc atcctctgag aagcgctgtt 506220 gggagtgcgc gtgcgcagtt ttcaaagctt tcccagatga tttcagggct gagagctgag 506280 ageggggtat gatgggetgg agececacat aetttetegt eeetggettt teetacacae 506340 tggtcttcca gtaacagcta gagagggcct gccctacttt agtgagttta ggttcaagag 506400 cttgtgtgaa cgggttttga aacctaacct atatagtttc agaggaggat ctggtagcca 506460 gcagtcaggc cccacctgcg aaggggcctt gtgtgacatt tccacacggg tgcacatggt 506520

ctgctcgctg caatccctcc atgctaaaaa tgggaagaga gtaggtggag ctcaaaatac 506580 tttaagtgca gaggtgtggg cagcttccat gtagctaggt aattctggac aaatgaaagc 506640 ttgtctccgt gcagctacat ttatttccaa agagctggtg atattccccc caggaataca 506700 ttcatttcac tctcagtttt atctgctttg agatctttag accatgggat tagggaaccc 506760 ccaggcagga agcaagaggc agaagaacgg gagctattta tccttgcctc agagttaacg 506820 ctgggagaaa ctgaaagcct tttgaatatg ggagataaaa tgcaagaaaa atactacctt 506880 ggtctcaaca tcaaacaaca aacacacaca tgcacgcatg tgcacagaca catactcacc 506940 ccagtaaagt gcctaggttt tggctactat agaaccctca ctatacataa ataacagata 507000 tacataaata ttccaagatg ttgataaagt cttctttaga atacaagggt tttatatcag 507060 atctgtttgt ttctgtgcag tacaactcat tcactctgga catcacaaat tggctacagc 507120 agaaaaatgc attaagaatt atgattttta tcaatacaca tgtgttataa tttatattat 507180 attataaata tattaaaata attatacatt tgaaaatatt aaatatatta gaattaatat 507240 ataaatgtat acatatatat gcataaagac ataggaataa gctaagcttt tgcagctctg 507300 attaagctat tttgaacttc ttaaaaactc aacaaacaca tactcctcct taagacaagg 507360 gttttcaaac tgtaactctg tcttagggtt ttactgctgt gaacagacac catgaccaag 507420 gcaagtetta taaaggacat etaattgggg etggettaca ggtteagaga tteagteeat 507480 tatcatcaag gcaggaacat ggcagcatcc atgcaggcat ggtgcaggag gagctgagag 507540 ttctacatct tcatttggag gcagctggta gaagattgac ttccaggcag ctagcgtgag 507600 ggtcttatgc ccacacccac agtaacacac ttcattcaac aaggccacac ttcctaatgg 507660 tgccactccc tgggccaagc atatacaaac catcacaaac tcctaccagt actgccatct 507720 gaagtaggtg taggaatcta atcccagacc tagagagctg gagcagactg ggcaaggatg 507780 aagagtgcat ttgaagcaag catttcagcc accaccaaga acactgccct agaggtgcac 507840 acatgtgagc gttagtcaga aacatccaca tgcccctgac tgaaccaacc atggggggtc 507900 atcacctctt ccctaagctt ggctgggatg cctcgtggca gaaggcacgg tgtgaaagga 507960 actocagago toatgtotgt tttootggca agttacaggt gtgggtgcca ttgaagttca 508020 ttacagggtg ggatttctga cagggctacc ccggtacgat tgtgtgagtg gagcactaca 508080 ccaggtcatc ctatctgaag agccatcatt taatgtaaat agagtcagct tgcgtgttta 508140 ttatgacagt tttctccaga tggctgcaat gtatcatatt ctgaatcggt ccgtgataat 508200 gatttcccaa cagatgtatg cgtggtgaga gggtgggggt cctcagtggg gggaggggca 508260 ctttgggctg gctgtagctg attctggttc tggtccactg atttttttt tccgtttcta 508320 tgaggaagte egtagtggta aattaattaa ataaateegg geageggeae attetteget 508380 acccactgca gtgttctggg ttcctgaatg aaagatacac acacacaca acacacaca 508440

acacacaca acacacaca cotttatatt ttaatatgcc ttatgtagcc caatagctgg 508500 qccacttcct aacctccatg tggctaatcc acttccctct gataaccccg agttatcatt 508560 tattttattc tgtattctac cttggctgcc ttggacccag ttgggcggcc ctcctgggcc 508620 acactetect ggetettaaa tgttggeeat geetetetgt eetgeatett eteagatgta 508680 gtatctcttc tcccagcgtg gcagatctct ttgctttctc tttgtcccta gctgggggaa 508740 tectetgeee tgeecageea ttggetattg acatetttat ttaccaatca gaaccaactg 508800 ggaaccaggc ccctgaatat cctattccta gacactggat tgaacagttt taagaggtct 508860 aaatttacat aagcatacaa gcagctacaa agtttcctgc tggggaaagg gcttcccgac 508920 ttgagttaag tttcacaagg caggttacct acctttctat aaatgagtaa gacgtgaggc 508980 cttgcccggg tttggggagt tttaagtaca gcataaaagt ttatatgaaa gggttcagga 509040 aagcaaccca tcatggttag ctttttatca actcgatgac acgtgttaga accatctgag 509100 aagagggact ccagaaagta cctccttatg tttggcctgt tcacaagcct tggggggcag 509160 gggaggcgtt tccttgatta atgactgatg tgggagggcc aagctcactg tgggcggtgc 509220 caccettggg ttetgggttg tactagaaaa caaactgagt gagecaataa geteteetee 509280 atggcctgtg ctttagagct tatctccagg tgcccacctt gagttcctag ctgacttcgc 509340 tccatgatgg catgtgacct aagagttaca cactgacagc agccctttcc tccttacgga 509400 ggtcatggtg ttttatcaca gcaataggag ttccgactaa gacaccacct gagcaccagt 509460 cttccattcc tccactgtgt ggcatagtcc catgacgtca tgatcccatg acaccgctca 509520 gcttgcagag ggggttgact ctggtcacca gcttcctcct aatgtgctcg aactggactt 509580 cccaggaaat ctgaccttct gtttttttt tttttccttt ctaccactta tgaccaattt 509640 aacaaataat acaggccatc tctctgtatc atcaccctgg ctgtctaaac cctacttggg 509700 gatcttgcag tactgttcat cacccccaaa atgttgagat ttaagcatat gttccttatc 509760 tcctctaaaa gacacaaaaa gaaacatttt ttttagagaa aaggtagtgg gttctgaaat 509820 ttcctccttc ctccctcttg ccccccccc ccccagcct cactgacccc ctggcagctg 509880 tcagggtgac ttctccccgc atctttactt ctctttgcaa gcttggggag aaagaggaag 509940 tatagggacg ggtgggagtg gtggcgctgc tcaaagatct tctggaggta agccacctag 510000 accetacaat teetgaaaga accaggagag cacacageee aacaggtetg ttgggageea 510060 cacgctttgc ccggtgctga cggcttctta aagacatacg tcacagaaca agaagatgac 510120 atgttgactg aaggtgactg taacaggagt ctgatatgtt cctttactcc gtctgtgtgc 510180 aacacgtgtg gattccttta ctgagcacgc actatgatcc agcccttttg gccaggcttt 510240 gtggctgatc ggtgagcaca tcgctcgctc cccttctggg gtgagtgaaa cagcagtaga 510300 gacceteagt agttageetg geaagttett tgageaacte egeacactat ggagtgetet 510360

gtgggtaaag actgtcacag ggagaggtcc gagtgagaag gaaaggctgc ttgagatcct 510420 gagccggaac aggcaggtct acgcaggatg tttcagttga tcgcagcagg agagggacta 510480 gaacactgaa ctgaaaatca ggacgtaagt gcctacctgt ttcctgtttc ccagctcccc 510540 tggtgtctct tcatctcctt tgctgtttct actggcaaat gagaagcact gagtgccatg 510600 cccgacacag gtaatggctc acacttcctg agtgcccggg gcttgcctga gtgtgttgtt 510660 atctgcgcta attccttgaa tcttctcaaa ttccccagga aagggcaagc aaggtttggg 510720 tctccgtgga acagatgaag atactataca aaacacaaag caatctgaag ctcagaactg 510780 gtcacttgat gatggatagt atcctggtcc tacttagtgt ctcagttagg gttttcattg 510840 ctgtgaagag acaccatgac caaggcaact cttgttaggg acaacattta attggggctg 510900 gctaacagtt ttcagaagat ccgtccgcta tcatcatgtt gagaagcatg gcagcaggtc 510960 agcagacacg gtgctggaga aggagctggg aagtctacat cttgatccga aggcaaccag 511020 aagaggagac teeetetaca ggaageeage ageetgagea tagggeetea aageeeactt 511080 agcaagtgtt tgttgagaac ccactaagtg ctcgacctga ctgttgagcc aagacacaag 511140 ggggaccacc ggccaaacag acaatgactc tgaaggtatg ttcttagatt tagttcactg 511260 tttgaaaagt gagcattcaa agtcatattt tettataaet gttteatgtg tacatgecat 511320 tatectttet tettatetet ceteeteeat eeettttget eeteetttge tgggeteatt 511380 tttttcctaa ataaagtcgg tagctggcca atggcagaat ttgttgttct tttaaatcta 511440 aattgtctga gagagatgtc tccccccaaa gtaacttgat ttcttctcaa ttatctatgg 511500 ttttattgta gtttttctat tgtcaaatgg gtttttaatc ttttgttaaa atttttttta 511560 aattatatgt ctgtgtagct gtgggcatgt gagtgcagta ccagaaatgg ccagaagagg 511620 gcactagaac actggagctg aagttgcagg cagctgtatg ctgggaactg aacttgggtc 511680 ctcttcaaga gcagtatggg ttcttctcaa atcgtctccc ctgaccctag gttttaattt 511740 tttaaaatta cagataaaaa acctagtcgc tgaaagcatt cctaataatc agaatagtaa 511800 ccgttgcaga gaattcatgc ctgacaggct tctcagttga gaaagaactg ggttttcctc 511860 acaataagac actgacctgc atttcctagc agagctgggg ctcttgcccc tcccactccc 511920 gcctttttca ttccattcag agtggtccta aaataaacag ggagaagggg gcctgcccgc 511980 cactececta agegacegge etegteagtt atgattacag etetgtattt gtttttcaaa 512040 aagatgaaaa atcacaggag ttccttattt gaattttaat aggacagcat tttccccatc 512100 gcctgagagt gattttgtgc ggtaagcagg cagcctctcc aggcagagtt tgatttccct 512160 cttcctaaat catttctttt gtctgaagtc gtgcatgccc gcacccgagg aggcaagaac 512220 accacgagag agattgtgaa agatcaaaat attcagtgtt tgagcagcat agtctacggt 512280

aagtcccggg ggtggacctt ctccctgcag cccctgcacc ggaccttttc ttttatcttc 512340 ctgtagctga acctgtctcc tcatcctcaa tcatgtttgg cgagtgcttt accactgaac 512400 tgagccccca accetttttg ggagacaagg tettaccaag ttggetaage aggtetgaag 512460 ctctccagat catctaccat agtctcctaa ttggctgaga tttcaggcct gaaacagaaa 512520 accccacaac aattactttc tttctttgag acagtctctc cacagatccc attgctggct 512580 ttgaagtcat cccctgcct caacccctcc agggctggga ttacagatgt gcaccaccac 512640 gcctagctca atactactat tttgtttggt tgattatgct ggagtctcat gtagccgggg 512700 ctaaccccca agtcgaagga taaccaggaa ctccttatgt ccctgcctct atctctcaag 512760 tgctggagag acagcctgtg gcaccatgcc ctggagaaca tgctttttaa ggagcagact 512820 gtaagttgcc acatgattat gtgagtagta ggtagggtac gacatcctga gctattagtg 512880 gcaggagtca cagactggct ctagtattcc atatggacac catgtggtag tgggactttg 512940 ggacagcagt agttagttta gctctgtgaa ctctgatagt ttaaaaaaaa aataacatct 513000 ctatctcctg gaactatgcc agctggggtt gatgtcaact tgccacagat tagagtcacc 513060 agggtaggga gactcaccta tagaagtgtc ccgattaaca tgagagatgt agggagaccc 513120 acacgatett gggccacace ttetggtage ateceacata agaagageat ggcaggaggg 513180 cagetytyct tregatteet gycetteect etteetetga gategteege eetyttyety 513240 cttctgttgc tgctactgtt gccccttccc tggctgcaga atcagcgttt ccaaactctc 513300 atcgtggact aagaaccggc agctccccag gtgcttgcag tcatttggtg ccagattgga 513360 agtgctgaag gacccagctc tatggttgtt gggcccctgt cccaacccta gcaagtgaca 513420 gccattaggg ggactcctcc aatggctgag acacacagcc tccaggacca aggaactact 513480 agateteage teteaggtgg gettetgttg ttgaatttea aagetgaett aataaetttg 513540 tgtgtgtgtg tgtctgtctg tctgtccatc tcataggtcc taatcctcta gagaaccttg 513600 actaatacag taaccaccaa ctgaaattta gcatgtcctc caattacaaa tgtaggcgag 513660 aaattggcac aggtgcaagg cacagtagca ccgtgacttt gttaccagaa cgaatcttct 513720 tctcaggtca tgtgagctgt ggcagatttc aaggggtact acatgcttgc taccttggat 513780 cggcactaag aattatctgg gctgctagat ctcttgttac ttactgttgc tatagaagca 513840 gtgtgtgtgc atgcacacga ctgtgctgtg ctttcctacg catgcgtacg tggacaccag 513960 ageteatett tggatgeett tetettttge eetttaeett tettgttgae aettgagttt 514020 ctcattgaat ctagtgtttg ttgttcacct agacagatgg gacacggagc cctggggatt 514080 ttaccagcct gttagagagg ggcccatgct cccctaactg ttaaagacct cttaggagac 514140 traggatagt recartgeaa aatragatet teratarage aaaaagaret aragaaggat 514200

ccatttagtg cccgcccttg tggctttagt cacctctttt cctcttaaca aaaatctcaa 514260 atgcagtcca cttgtgaaat catcatttga tcttttaatg cccggttaaa acgggatcag 514320 ctttgagcta ttcaagagct gactgtctct gcaacgaatt agcaaggatc cttcttctct 514380 gcctcatctc ccaggcgcac tgacaaacag gcagggcagc cagaggagat ggcactcaga 514440 tctgatcatt ttcccatatc gctgagaagt tggaaatggg cggaggctgc agtggtgatt 514500 aagactegga atacetgtgg ettttaatta eeatteeaeg egtgtteeag tgteeteete 514560 cctgacctcg cactcctgtg gctgtaatga ggcaattatc agaagctatt ctgtattgtt 514620 agttatettt geatgeaaag atateteeet gageettete ttgtaetgee tetagtaett 514680 ggctgacaag agatecteet taagtaggeg gggegacagt aggteeteee taagtgggeg 514740 gggcaacgat agatcctcct taagtaggcg gggctcaggt gaatatccag ctactgtgcg 514800 tatttagagg gccttcactc tcgaagatgc ccaggcaaac acactcattt tcttttccca 514860 ccttgcattt gtttctgcca catctattct acaagcactg tagaacactt actatggggt 514920 aggtaggcat catgctgaca ttagatgaaa agaatataat cacttccttt gaggaatttg 514980 gggctgtagg aacaccagac acataaacac cacaaagaat atgacaaagg gaaggtccac 515040 tctccacaat gggtatcatt taaaaattaa aaattaaaaa agatgctagg ggcagaaccc 515100 gaagaatgag taggatteta teatgggaag agaaaagtgg ceatetteea gaceagaggg 515160 acttgaactt gtccctgctg gagcagtaca cggaactctt cctgcctcaa cactcattcc 515220 ttctcctctc tcctcttctt tgtatctggg ccgatgctga ggaaggcagg ctatgctccc 515280 ggccttgccc tcagcccagc cccagccccc ccccccaac tcccaccccc tgctcacgag 515340 gcaatgacga tcactccatt tctctttgcc aatctgtgac gtcaggtggg cacgtgacca 515400 cactetgget ggtgegatat aaggggaagt etgeaatgga gaetttetea gaeataaaat 515460 gacagcatct ctcggggaga gagctagcct ttcctttctt gtcttgaaaa attcacatga 515520 tgcttgcage tgtagegaet atettatgae ageagaaaga taataagage eeggggeete 515580 tgggagagta gcactgaata gcaaccagta ctggcaactg gactccttgt gttggggggta 515640 ggacgggagg ggggcgatta actcctgctt gcctaggcta taaacttggg ctttccctcc 515700 cttatggcta aaagtccact caaactattt ccatacaatg tttcgctgtc tcctcggtga 515760 gtgcctgcag tgagatcgct agagacaccc gtgagtttta ctgttgatca gcccaagctg 515820 eggeeetetg ggatetgget ettgeteece tteatettet eeagteattt tgggaaacte 515880 ctcaagagaa ttactttgag aaacttccct ctttctctaa agggtcacag cgttaggaag 515940 getgagaace actgetecag tetaatggat eceteagegt ttgeceatee acaeagette 516000 tctgcagcta gctggagtcc aaaccccagt gccggagcat atgaagggaa tagagaacac 516060 agtactgcca aagacaggca ggcagagcct ggtgtatcca gcctagtggg ttacatgggg 516120

gggtgttgat agcaccccgt cetetetece etggggettg etgaggagag ecegecatgg 516180 agageettta ggetteteac ceteagtttg gatgtaggag attgttgeea ageaggggtg 516240 aagteetgag aggaceatga cattaaaaca tggaagaaat aataatgaat ggtegaaaga 516300 cttccagccg gaagttcaac aggaagttat ctggtgtgct ctcttttttt aaaagatgac 516360 agatgaaagg ctacatatat gcccagggta atgaacctgg ggccagactc ccaaccagtc 516420 ctacctaaaa cagtctcctt ataaacagag gaggaactaa ctcaagatgt catcaggctg 516480 ctgaaataga cgggagtcag gcacagtggc atacgaatat agttgttgaa gtgctcagga 516540 ggctgggggg aaaaatgaca tgagttcaag accagcctgg gctgcatgca ccacaagacc 516600 atgtctcaaa ataaacaagc aacacatgag atctgggatg tgagaaaacg agtctattgc 516660 acatgtcggg accacagtgg ggattagtca ccaggaccaa gggaactgtc tgagatgact 516720 tctgcctttc atgagagcca gggtataatg tggtatactc cagtgagact aggaagttac 516780 agaggggaaa aaaaagtact agaaacttga tttgaagtac ctgtgaaatg aacaaggggg 516840 atgtccagga ggcatttaga tatatagatc tagtcagggt aactcgggtg cctctgtctt 516900 aggggcatcg gcacgtggtg accatgggca cagcaacaag gagggtgcca acaaagagta 516960 catgacttca atggaaagat ggggactaat gacacaacac tggtgggctt cagtgaggct 517020 gtgtgtatag tgtatgccat agtatgcatg cgcatgtgga ggtcaaaggg caaccctcag 517140 gagttagttc teteettetg cetttgtete agtttgaact etgettgtte aacaagcaet 517200 ttgaccactg ggccattctg ctgcccctga cctctacttt ctctgagctt tggctccttt 517260 gccatctgtt ttccacagca cttttcttag taggcagaga acaatgttgc tgacagtttc 517320 aggaaaccac aacctgaagt tecteeceet tegeaaaata atttetgttt ttgagacatt 517380 gtttccttat gcagggtagg cttgccttga acttgggccg tttctgcccc agtttgggat 517440 gaatgctgag attataggct agcatgattt gctcagtaaa agactattat tctctcactg 517500 tacatgtgac agtccctggg aaatactctc gttggctttg tctgcaagga tcatgtaacc 517560 tataccaggt ctctgacacg tggattgccc aggtttgagt cacatctgga tgggaagatg 517620 ggagattggg aggatgtgtt tccagaacga gaccgttaag gctttccagg cagagaagag 517680 tagttgccat ggttctcagc ccatcaacat ttaagaagag aggaggagga ggaggaagga 517740 gacacaacgt tgatatgtca aagtagatca acagcttttt ggaagccaag atctgtttcc 517800 gatgtgtatt tattetteta caccetecce actatetagt atcetgeett aacatgeetg 517860 tcatcaacaa gtgggtgtgg agaaaaatcc cagacatcac acccaacaag cagggggggg 517920 tactttaaaa aaaaatgaca aagactaaca agcccagaaa tctgatttgg gcaatataca 517980 aaagcacacc cccccccc ccagtatttg gcctccatga acacagatat taatagattc 518040

tctaaagaga gccaatcttt tcaggttttg gacggcaccg tcatatcagt atgaactcaa 518100 atcgttccag atgaggatga catttgagga gtgtcttgaa gaaaccgggt agtgatataa 518160 agagetetgt teetgetact gtgttetggg eteacegtaa ttteatgetg eatttgaaag 518220 cctgcagggg agacacctta attgctacgg atgccaaata ggaagaagag tgctaatcaa 518280 accttattaa tcgacgacat actaccagct ttcaggaaca gatgctaagg gggaatgaaa 518340 ccttgtaagc cacgggtacc taccaacacc ccctcaggtc agtaacaatt gtttttcttc 518400 acatacacet tteetgteea etagggggag taetagegea egecaaagea tggettttte 518460 tatgcctgat gcttaaactc cctatgccta acaaaaactt gttcgtctgt agattcctaa 518520 gacctccagc ctgtgatggc ccaaagatct aaccagatgt catatttttc aaacagacag 518580 agtatatcat tcaaggtatg ttaagaaaat acattgctta aattctcagt aactcagaac 518640 catcttagtg aacatttctc ttgtaaacag aagtttctag ccaggaaggc aaaggcgagg 518700 gctaattatt tgtcagaatc tttgcttatt taaaaaaaaa tagaagatgc tgaatctgtg 518760 ccctttcaat tttaaaaagc ttaattttaa tacctgttag acactagtat gatcttttat 518820 tgctcagtgg agttcttaaa gtattattgg cactcagttg ataattatta taattattat 518880 aagettgtet aacataatta cagtataaga etetteeete tteaacacaa ageeaettte 518940 aaaaaaagtt tgagaggcta tgtaaattaa caaatagccg aaatgccaca cttagcttcg 519000 caccagett egetgeeett cettettete agttetgtat tittitigtgg cagggtactg 519060 catttttttt tcctttttag tctctgttga gaatgtcaac ccgtgaattg gtaagcgtgt 519120 tattgtgcgt atgccaagtc aatgtgtttg gagctgtgga ttcctcaaag actgacaccc 519180 acccctgcag ttgcctgctt ttgcagaaac attccgacaa catcgactca acactgaccc 519240 tgtgtgaagc cccgtaaacg gcataggaca ggacagcatt gctcctgact ataccctcag 519300 ccctatcaca tgcctggcat caggagcccc gagggtttct tgctaaggac ataagcaagt 519360 aaataaaagg tttgagatgt gaaagttttg ggggcacaaa ggtcttgttt gcccagagat 519420 tgctagagaa atcaagagcg ctatgcatgc agggacctct cctcaatgga ggagataaaa 519480 tacctgtttt cactgtctag aaggctggga gtgaatattg ttgacggccc ggtgaccttt 519540 ttgctatctg cagcagcagc agcagcagca gcagcagcag cagcaacagc agatctcacc 519600 cttttgctat agagatagac ctcacttaaa tcccccacaa cgtttattcc agactctccc 519660 tecetacete acaggitaata gaageeetee titagiggggg aatgiteeeat gitaeeetgig 519720 gcctgttgaa tctctgtcct gagtcagaga ccacactaga atctaggctt tttagctatg 519780 gaacctaccc tcgtggtcac atgtatttca taaagcagtt tctaaatgct cacaccttaa 519840 gctttattct gcacctggaa tcggaatgat tgttgcctgg aaacctggaa taggaatgat 519900 tgttgcctgg aaactttttc ccaaattgta ctgttttaaa catgctgaca atgaaccacc 519960

tggtaccagg ctcctcaagt ctgatacagg acggtgatgt cgatctgaac agaggtttta 520020 ttcttgcctc tttgtggatc actgccttca ttgacaactt cagtgtcccc acccaccaag 520080 aaaggaattg tagagaaaca ctaagttgct atccctgacc tcagaagagt taacagtggt 520140 atgaaagggt gcttggccta tttatctatt tgtcaattct cccatctatc catccatcca 520200 tocatocato catocatoca tocatocato catocaacoa totatacato catocatota 520260 tacatccatt cctctataca tctatacatc catccatacg tacatacata tatctattta 520320 tacatccatt tattcatcta tatatccatc catctataaa tccatcatct ataaatctat 520380 ctatatttac ccaccactc attctccaga gccttaaaca tgctaagcac atattttccc 520500 attggactat atccccaagt ctattgtcat tttcttaaag gagctgagag tctactagag 520560 agctttagat ataatttaac tactcacaca gaaagtatca gacaaatagg ggttcacaaa 520620 gtaagaaaca agggaggaaa ctttaggtaa aattaccaaa aatgtgaaga cctggaggca 520680 gaaagagccc cgcttgctta agaaacatgg ccaactctgc taaaaaccag taccagccac 520740 atccctcgct ctggtctaaa agcccttaac ctgactatga aagtcccgga gtacatagtt 520800 gatatttcaa caatgtctag ggtaagagtc acatgatgag cctggttatg tgctgggtaa 520860 gacaggagct ggagagctat ctgagctggg tctggtcatg ggtcaggtag tcagggccaa 520920 gggaactccc caccctcttc tgccacaaac tggtttgttt catctactca gtctgtttca 520980 tggcaaggca ctcagggaag ggttgccttg agggacaaga ctatttatgt attgcctgct 521040 ttcctggggc cctcatccat gctgatgcta agtggatgcc ttccaaaagg catgtgggct 521100 cttacctctg ggttccttaa gagtccaagt aaatgtgttt tgatcaacga gattttgtgt 521160 ctttggcttt agttaggctg tcacacatac aaatggaaac atttttttt gcaccctcc 521220 ctaccettta tegaatgage tigtgateet aatatggitg atageagigt etetetagag 521280 gctgaagtca gactgcagtg atgagacctt ctccttattc caatgcaaac cttttcctga 521340 ggagacaata tacccatatc tactcactcc agaaaggcag ccatgacagg ccaaagtaca 521400 gataccacca aagtcaccaa agtccaactt ggtaatgcag tgagtgtagg ggttgttcat 521460 taatctgctc taagccccct gggccacaat cccccactct tacatgttgg cagtgtctct 521520 gtcctacact teteaggetg gggeettete tgteeetgge aatggtgatt etetteette 521580 ttcctgtggt tggttccctt gcctgagaaa tctaaagccc tgcctctgtc tccttactcc 521640 agccattggc tgctggcaaa tttatttacc aattagaacc agcttgggtt aagggacgtg 521700 tgaattcccg agtaatttgg gtacccaatt aacacaagca ataaaccaat ccacaagaag 521760 tgagttttat tggggttact tatgggaata taggtgaggg gtcccttaca ggagcaggag 521820 tgactcaaag acagccgcat caccaaagcc cacccccagg actggtgaca gctcacaaag 521880

ctgggaccct ggagcaggct gcacagcttg caggtagctc atcaagttgg agagtgtcct 521940 ttccaggtgc ctcaggtggt ttaaacctct tccaggaagt ctggatgatt tatgcctctt 522000 ccaggctgct ggtcaggtct cagagtctgc agcctggctt gtttgagagt cttcacagct 522060 catctttcct tctctaacgg ggactttctg cttttattgc tttctctggt tgatccctcc 522120 cacccgtgaa tcttgtcagt ttcaggaact tcctgaagat catttattga cttgtttacc 522180 ttcctgcttg agattccctg caggatgggt gtttcaatct tagaggaaac aagaacaata 522240 atcttgttgt gataaatctc caacccaaat aagctctggc aatgaaatca tgactcaatt 522300 aataggaata catgctgtgc acctagattg ggcagatcta ccaataccat cttccacatc 522360 tatgagaccc atccaggcca tgtgcttctg ctctgctttt cttcttcctc cttttctgtg 522420 contract ctcccatttt ctcctccttc tctcttccca ccttcctctc caccttccct 522480 tttatctgcc caatcatcag ttctccttta ttttacaaat tgaggtggga agcaggttta 522540 caggaaatca cctgagtgct gactcattcc ttgttcacaa ccactcacaa gagaattgac 522600 cttaaatata attagcccca gggctatcca caacaatggg gtgtttcaat cttagaggaa 522660 acaagaacaa taatcccccc aaaagagaac taatcccgca tgaaggtaca gagaaggtaa 522720 gcgtagaaag acttcgatgc ctgcaaagaa accagtcctg cttacagcct aagagttagg 522780 aagatattgg ttgtttatac cagccaatct gtgggactcc gctatggaaa tcataggaaa 522840 ctaacacagt gacctaacat agaattgggg gggggggtct cagcatcaaa tagcagtaat 522900 agtaacagtg tcactattta ctaagcagat cctgtgagcc agggtttggg ttacacacat 522960 cctccccac ccaagtatta tctcatttag tattcatgta acctccgtga gtcataacct 523020 ttccccttcc cccaatcttc taagacgatg ctgaggctcc cagagcccaa ggctacctaa 523080 ttacaaaact actaactgga ggcataggat ctagaattga ggtctgacta gggccattat 523140 atcctggtac aaagaaaatg gcttctcgtc ttttgggcac agaaagcccc tgtgtcagag 523200 ggcaggggct agcgagcaga gggctggttg gctttcagtc ctccttgcct ctttgggcaa 523260 acctccactt tacaatgacc tgctctgtag cacaggtgct cagttgttat attggaccag 523320 ctgggggttg aggtggctgt ggtagcatca ggaggtacac aggggtcatg agtattgggg 523380 tgcagttgag aaagaggccc cgggggctcc ttgtgacctt taggaaggca ttagacctcc 523440 cttcagccct gttctgctca ctggccttag cacaccccca atccctccgg tctctcagtc 523500 agcaagaaat ctagtttgca ggatcacgtg ctaggatgac ctattgacct ttttaccacc 523560 atcctcgccg tccctactat taccaccaaa ccaaaaagcc caagaaatgc ctctctggct 523620 gttttatttg actccgactt tcagcgtcta tgcctttcct cacaattaaa gctccatttc 523680 gctctaaagt ttgcagcttt catgaagagg gaaaagggac ctttgacacc gtaaatattt 523740 aatcaccatt gagatgtcca aaagatgagg gaatggacgg tgcagattgg ctggctctga 523800

gaagcaacaa aagaagccat agtggtgggg cagggggtgg gacagggggt ggggcagggg 523860 gtgggcaggg gtggagcagg gagtggggaa cggggtgggg caggggtgga 523920 gcaggggtcg gaggtcgggg taacctaaaa catgccatct ttagagctta aagtggctca 523980 cattectatt cactaagtgt geetgageta tgaaggaage tagatttatt aatttattta 524040 tctctttaaa tattgggcgg ggtgaactaa gatgagatct ggaggtgaag aagtctgacg 524100 ctctcctcct acttctgttt tggtaaccat gaagagacac gaaatttcta gactatatcg 524160 aggtgactgc tggagttcag acgtggggga gaaaatgtct aaagaaggaa aaaaaagagc 524220 tgtctgttcg gttttgtgtc ttgtttgaaa atacacttca aacattcgac agtatttcgg 524280 agatcataac tgcctatgcc cccaccacct cctgagccct tggccccccg ggagtccaga 524340 ttcactttta agtacttttt agctttatgt tttaactgga aaaaaaaata atcttgccca 524400 gtagggcttc catttgtttc tatcaatggg ctgaatttag tttaggaaag gctgtggaga 524460 aagaatgaaa tgtgcctttt ccccttgcca gatctggacg caccaaccgt ttggaaataa 524520 agggcatgca atttgccaag tgttcctgct gaagggccat cccgcatctc ttctggatct 524580 ttctttgagg taggttgagt tgatggttat attcttgcag gaagcaagtg ataggaacgg 524640 aagcattaaa ggggtggggt ggtggctgag gtatgggcat ggtaaggggg caagccaaag 524700 ctggcatcag taggaggcgc tgcgtgctac aggtacaggg tgaggggtga ggggtgctga 524760 gtgaaccagg gcactgagag aggacacccc gtggagccaa tggcctttta gaagacctgg 524820 tcacagctag tatactgatt atcaggtagg gatctggggg ggctaagcac cccaacttca 524880 cettagetet ceaeteeggg gteteceaea gggeeteeca ttggetgaat ceaaceagaa 524940 gccaaactgt ccttagatgc agactttcgg tatagaacga gactgggaag gcaggagatg 525000 ataggaagaa ctgaaggcga cgcagccagg atggataaga agacatacgc agaaaggatt 525060 gaggaaggag gggtaggtta agttctgcgg gtatcctgac ctaagaactc atggtgctgt 525120 atataggaaa tgggcaccac atcccccgcc ccccgccccc cgcccccgc ccccgcctct 525180 cctctcttc gttttatgtc acatcttagt aaaagatttt tgaaaagaca aaatgaagcc 525240 aggcatggtt gcatgtgccc gcaatgctaa cactagagag gttaaagcag aagagtttct 525300 actttgaggc cagcctgggc tatacggcaa gaggctatct taaaacgcag ggagcagggg 525360 gattgaaaag atgactgctc ttgcagaaga ccaaggtttg gttcccaagg cctacacagt 525420 ggctcacaaa tgtctgttac tccagagcca agggatccag tgccctcttc tggcttctgg 525480 agacactagg cacacacac gtatgtggta tatacacaag caaatactta taaacgtgaa 525540 atgcaatgat ttttttccc caaaggactg ggagacgtct caatcaggaa aagtgcttgc 525600 tatacaaget tggggggtet gaetttggat eeccatgtaa atactgggeg tgatggtgta 525660 tgtcagtaac ccctaggcca gtgggatgga aaacatgaat ccctcgggct cactgatcaa 525720

ttagcctgtc cagccaaatc agtgggcttc agattctgta gacgccagtg ctgacctctg 525780 accttcattt gcacgegeac acaegegeac atccaacece ttgcctgeec ceteeceece 525840 cacacattaa aaaagagggg aaagccaaaa gcagcagaag gccaagaaaa gtattcagct 525900 cttacatttg agatttggtg cgcgagacgc ttagcatcag caatccaatg gaaccatcac 525960 gccctcaata cttcccaagc atggatgagg acaagaaacg cttccccagt cttccccagg 526020 accacgtgcc cagccaccag ccagccactg cccatactca gaactcattc caggctacat 526080 ggcgatattt cgtagggagg gcaaggactg tggaataagc cgcgtgtgct ccgcagagag 526140 cgccagattg ctcgcccaga agtccagcca cttcatcgtc agctgagaga atctccccac 526200 cagaateteg aggaagegga ageacaageg actgtggage tatetgeetg ttaatettat 526260 cttctgctat tcattttaag agtttgagtt attattaata tgaaggtctg ctttatggca 526320 gctcttcttg ttgaatgagt ttgtgccaag ctgcctgcca gttatcaagg gactcagggg 526380 cccagggtta cactaacagc gagtccctga gatgtgatga cagagacatg aaaagatttt 526440 tttttttttt gtcctaagag ggatcagtat tttatgttta ccctcaataa ccttttggcg 526500 cttcatttca aaggaacatt aagaaaaaaa tacaagcaag gatagccaca catttcaaaa 526560 ataaatcttt atttataaaa aaaaatttaa ttttaattta aaattaattt aaattaattt 526620 aatcaattaa tttagttaac ttaaaaatta aataacttta attttaattt taagagacca 526680 cccaggttgc agaagtgtcc taaagctgaa gatgtaatta gccgatgagt ttgcctactt 526740 cctgcagatc tagaaaactc gatggtcgct gatgacttaa cggtattttg ctgtcaatca 526800 agggcggcct cagatectte accaeaggea gageaagtgt eggaagaaac tteacettee 526860 tgagtcaggg ccgtagtctg ttttctattg ctgtgagaaa caccatgaca aaaagcaagc 526920 tgagggggaa agggttaatt tcatcctgca gcctacagcc catcctgagg agaagagag 526980 tcaggacctg aaacagaggc catagaggaa cactgcttac tgaactgctc tctgcccttg 527040 ctgatccaac tcaggaccct ttgcccaagg gtggcagcac ctgcagtggg ctggtccttc 527100 ccacatcaat taataataat aatgataata ataataagaa taagaataat aatggcctgc 527160 agatgtgcta cagaccagtc tgatggcggc aaattctcca ctgaaattcc atcttcccag 527220 atgatacttg tctgtgtcaa ggtgacaaaa acttaaccag cccagcctgc cgcttctgta 527280 acacagcacc gagtgccagg gtagtttatg tcctggactc tgcagcctct gagaaaaatt 527340 ggcatttacc accetttcca aaggceetta taatattgaa ggetettaca ggeegtaaag 527400 aaaggcagcg ttgggacttt acgcaaagaa cagtggtttt gaatgtccac ctctgttctt 527460 ttgtctgtaa gtgttactct tctgggaagc aatatgtaat ccaactctgc tgagtcatga 527520 cagagaaagc tgacaactga aatgttggag gtgagcccat cacacaatcc agccttctta 527580 caggaactaa cactgggtac tgtcaccaag catagaaggt tactctccat ccatccatcc 527640 atccatccat ccatccatcc atccaaggcc atgttgactg acagcaggac ctgatcttac 527700 acteceteag etettgegeg egecagaete gaccageaag gaegetgeaa eaggateett 527760 ctgcacacgt ttattgggag agcttgattg tagaggcgaa gagaccccga gcccagaact 527820 ggtgctgctt ttataggcct aggagaggcg tgtcttacac caggattggt tatgcactac 527880 gcctcatttg catgttcctc atctgattgg ctactctctc tctctctgta cctcacagag 527940 cctcattatc atacctcatt tgcatgtctc acatctgatt agttatactc tcaaagcctc 528000 attaccatgc ccgggccagg cactgtcttt gcaaaaaact ttactgcata tgtacacatt 528060 ggttgtttgt ccaaacttat acgtggtggc cagcagtagt cagtgccact ctgcaacggc 528120 acatgtggct tcccacactc agccacacct tgaaaacttg tttaaagtgt ggatattctt 528180 gaccaatggt ccttgtctgt ggatggagaa acactgagag ggagagagac aagaatgctg 528240 ggggaggaag ggcaggccca cctggccagc cagcttagtc agctcaactg cgatcaatga 528300 ggtgacggac gtcacagcca gatccctcag tcatatctca tgactgcgct gaattcaact 528360 gacttctatt ggctgaactg tgttcaactc atctcttagc atccactcaa actataaaac 528420 gatacttcct ctagtgtact ttcaactatc tgttaatctg aagaccagga aggaagctgg 528480 ctcaattcat tttcctgtca gtcaccaaaa gggaccagaa actttgataa ggttttcagc 528540 ccgaagacca catagatatg agcagagttg tggagaggca aggtggcctg tctgaaattc 528600 caggaggcca aaacagatgt gatctctgtg gaattgggca aggtgtcatc gtagctacaa 528660 agaaagggtg tgtaaaggat ctcttgacca ctagaactaa cattcttagt tgcttctggc 528720 aacagaagag tgaaatgtga atgataacca tcttgtgact gtgaccaatt gcctactgaa 528840 cagccgttct taacgtccca agtcccagca ggaaaccaca gaatctataa agccctgtcc 528900 agcagaaatg agtctgattg tagatggctt ggttaaccca gattgcctcc agtgcctgag 528960 ggagtggata ttttctcatt atggagactt ttccagctag caaaggctgt gcgtacaact 529020 gctcagaacc catctgaacg gcccgtttcc gtggtagcag gtctgtctgg aggacagatc 529080 tgtatcacct tcttttgttt ggttttcagc catttgtgtt acaagaagtt ctgaaatgtg 529140 tcataaggga cacccaacaa gatggatggg ttcagtcaat tggtgaggga tgagtgagct 529200 atggaccete egecagatgg gtgtgtetaa gagaaggeet ttaaagaaat acagacceta 529260 tgcctaaata tttatataga gttgttcata tttcccacac ttttcaaatg tgaatgtgcg 529320 tcctgaaggt ggagctttag tacaggagaa aattgggaag gggcaaagac gtttgctcaa 529380 aatggggcag gaccagtgaa gaacctgttt ccaggtttct taatcgccta catttttcat 529440 gcccaaaagt tagcatggat tcgggtttct tccactatgg gagtctgcac gcaattaaac 529500 aggaggagag agagaaagcc tgcttgccgg aatagggctt atggtctcag caaactaagg 529560 agatgcaggg accatcagaa ccctttccac accttgctgg taatttttgt aggatgttgt 529620 ttcttctttt tcaaaatgca gcagcaaaga attgagcagt gagcaacgtg ccacaccatg 529680 gagtatgttt aatccaaata gcttccaaga tgctctgtga ctgactgtag caactctgtg 529740 gggtttaggg aaatggcttg cttaccagcg aagtaaggct atctccaaaa tggaattgaa 529800 tgctgcttct tggcccataa cactgccaca gcccatctgt gagtcagcca cagtgactat 529860 aggagactga tgcatgtatg ccctatgttg gagaggaatt attttgctat ttatttattt 529920 atttatttat ttatttattt atttatttat tttcggattt gagtgatgca aaaaaaattc 529980 ttaaaatatt ccaagtggtg gagaatgagt tgaggggggt attttttta agcaagtaag 530040 ccacttgatt tgcttcactt aagaggtcca tattaacatc aacctagacc tacattccct 530100 gettetttt teteteetet aetttetgae aetacagaag aggtgaeete cagetaacat 530160 ctgagagcat cggcactgcc catcagcaga gagaaacaag gatagccagt ccccaaagag 530220 gaggttgcac atggaaagat ggccacggac catcttttaa aagccactgc tgaaggaata 530280 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtacag cagagagaat 530340 agactttcaa gcttcttgcc cagttccttc tcctcccttc tgcctttcga agctcccatc 530460 tcagcagcgg gaggaacaga tctaagcagt tctgtggaag tgtaaaaacct gcagcaggtg 530520 acctgtgagg aagctcattc agagccccct taaaaaaacaa tacagattcc tatccagagc 530580 ttggctgact tggagctaag aagagaagat cacacagcaa ccagttgcag tcctaggaag 530640 atctaggaag aatgcagatc atttcttaag gacccatacg ggtctttagc tccctctcca 530700 ttcaccacag agttgaaggc accaaggctt gcctctggga agcccacttc tgagaaaaca 530760 tgagettgee tgeteeceag ageacagtga tetttetgtt ecagaaatte teggtggett 530820 gcgaggtggg ggaagggggg agcaccccag ctgacagttg ctacctggat gaagtggtgg 530880 agggageece tetagaaaea taagagaget eeggaetett gagatgegag eeetggetge 530940 tgagcccaat gtacctttgc ctttattctc tggggagtgt agtttagtgg ccacaggtgg 531000 cactggacta gcaagaaacc tgtaagaggc tccggtgtga ggtgtggatt cgaatctctg 531060 ctgtgctatt tgctaacagc tgtacccggg caggttccat agcttctcca agacctttct 531120 caaaagccga gtagggttga tacaagtcac taattaatac tgtttgtccc aagcatcaag 531180 tgaatcaaaa tctacatggt gcatttagaa ctatgcccag aacggagcaa gttctcaata 531240 aatgttagct tttgtcacta gggttagata gtgagcagaa ctttctaagt gctatatctg 531300 agageetggg acteegttge caagggagae cagggageet ttteaaatat gagagetetg 531360 gcccgaggga ttgtccacaa cgagagtgtg gcgcctttct cctacctcac tctgaccgag 531420 ggaaacccac ccccggtcac aggggcgtct tggtccccct cagccgcctc ccgcttggcc 531480

ccagccccct ggcgcatctc tcaggccccc ctcccgccgc tccacacctg tcagccgccc 531540 tggcagcete ecaggggete aageeetggg ceteegeege aaceegtteg accetgggte 531600 ctggctccgc gagcctcgcg tttgcccggg gctgctctcg taaacaaacc cgggcgttgg 531660 ageageeeeg egggetgggg agegegggag eeageteggt gegeggttee ggegeegggg 531720 gaacccgggg cgagcaaggg gcgatggtgg cagccgcggc gtgccgcggc aggcggctca 531780 getttgttat gaatagatga aagaggeeae etacaeagta aeceaaatta egagaeetee 531840 ctcctcccga tctcaccgaa tcaagaaggg aggggagatg ggcgtggagg gagggcgggc 531900 gagaggcgga gggcggagga ggaagaggat gaggaagggg ccagttgcat cccactttca 531960 caatgggaaa gtgaaacgca caagcgcacc caacctctcc agccctcccc gcccgcctcg 532020 ctcccctccg cccgtcccct cccttcccct ccgcgcctcc ccgcgagcgc ccgcgccgca 532080 cagaggaact ctccggcgaa ggcggacgag gaggaagcgt ctccggagcg cgcagggctt 532140 gccgccgcgg cacaggctgc cggagcgagc ccgccgcgcg ccgtcctccc tgcactcctt 532200 cccggccgag ccgcggggat ggggggccg cgggagcccg agcgcgcgca ggagccgccg 532260 ccgccgccac cgccgcccgc gtctccgtcg ccgcgcgcct gagctgcccg agctgccgcg 532320 egecetgeee gggggeggee eecetageee catggaggte teeeggagga agacgeegee 532380 gegeeeeeg taeeeegeeg caeegttgee eetgategee tatetgetgg egetggeage 532440 gecegeeegg ggegeggaeg ageeggtgtg gegatetgag caageeateg gageeatege 532500 ggcgagccgg gcggacggcg tgttcgtggc gagcggcagc tgcctggacc agctggacta 532560 cagectgaag aacaggetet etegeetata eegggaceaa gegggeaact geaeggagee 532620 cgtctcgttg gcgcccccg cgcggccccg gcccgggagc agcttcagca agctactgct 532680 geeetacege gagggggega eeggeetega ggggetgetg etcacegget ggaeettega 532740 ceggggegee tgegaggtge ggeeeetggg caacetgaae egeageteee tgegeaaegg 532800 tggcaccgac ctctggtacc tggcggtggc cgccacctat gtgctgccgg agccggagac 532920 cgcgaaccgc tgcaaccccg cagcatccga tcgcgacacg gctatcgcgc tcaagaacac 532980 ggagggggcc agtctggcca cgcaggagct gggccgcctg aaactgcgcg gtagtgcggg 533040 cagectgeae tregtggaeg cettretetg gaaeggeagt gretaettee cetaetatee 533100 ctacaactac acgagtggcg ctgccaccgg ctggcccagc atggcgcgca tcgcgcagag 533160 cacagaggtg ctgttccagg gccaggctgc cctcgactgc gaccacggcc accctgaggg 533220 cegeegeeta etgettteet eeageetggt ggaggetgtg gacatetggg eeggegtgtt 533280 cagegeggee actggagagg gecaggagag gegeteecee gecaceaegg etetetgeet 533340 cttcaggatg agtgagatcc aggcgcacgc caggagctgc agctgggact ttcaagcgac 533400

tgagcacaac tgcgtaagtc cagccccgg ggttcagatg gagtcttggg tgacacttac 533460 caagtotoag gttoactaca coacogactg googagattg caggotacto taaagcacag 533520 tctggggtcc ccaaagggag cgtgtagaaa gggtgacggg gtagcgggga ggattggagg 533580 gaggttcaaa actctagtgg ctgcctctca tctttttagt acaaatgcgg gcgcttgttt 533640 aggactgage tecececaae ecceegggee egggetatee tetgtteeta acegettete 533700 cagaccagag teteagtgga catgtggget tgaccetttg agetaacagt tactaatgee 533760 cttacagaaa aagctatcga acctaaaaga ctcgccgcca caccccggcc tttgtgcccc 533820 cccctccac ccaccccacc ttccaatctc tggctgcaac ctatgtgatg tggtctgtag 533880 agttgtggcc tgctccgcac tggtaaataa atgctatggt gcaaaagccg ctcgcagacc 533940 gcccagcctg aaccagcgcg aggggggggg gctgtggcta gccaagggtg gctgtggtct 534000 caacctggtg gagagaaccc taggaggcag cttatggtgt acaaagcctc gccctgaaaa 534060 ggagaaccgg gtgtgtgtgt ggggggggg gcggtttgga aagtgttggg gtgctccagg 534120 cagtttctgg gctgcagatt tccagactag attgcggggc tctctgggcac cacccttgag 534180 ctgtgcctaa accaggcaaa agacacaggt cttcccctca gggctcacag ggcagccaca 534240 gcttgaaatc tcgagattga cagttctttg accggaaaat gaagcgacag ttcaagaggg 534300 tctcgctgat ggggattacg gaggctttgt gtacttctgc agaggccttt gccctcccaa 534360 ggcttctggc aagtaactct gcatatggct cctgagagtg aagcctgctg agagcctcct 534420 taatcactgg acaggattca aagagcagaa acggagggct acaggagttg ctattgtttt 534480 aactgttgca tgtacgttta ttgtgtacca gggtgccttg aaacatttcc cctaaggtat 534600 attgatatgc gggtagaaag gcactcccct cccgccctgc aaagcacacc ttaccaaata 534660 ttagtettat tatteatgga gaaaaaaaa ggetteeggt caetegetee ttetetgeta 534720 gggcaagcac atagccattt aatttcacta ctagtataca ttagcaaata cacaaagagc 534780 acaggttgta cccccccc ccaatggttt agccttgctg taagcataca acttaatatt 534840 taatatcttc ctttatatat cttcataatc taatcgctaa agtttggtaa atcactgcct 534900 tttttttttt acttctctgt tgaaagactt gaaacctccc ctgccccccc ccacgctcca 534960 cgcgcccca ttttacttta agtgttaggc agtttgtctg tggggttaac agcaacagct 535020 cagaggeeca cageaggtaa etaecaegga agteeaaget ttgeeatetg acagetgtgt 535080 cgatgtgcag agccaaaaca tttctcttga ctgcatctac ctagtgggta ctggaggact 535140 eggttteett ecaaacecag catgeatect gaatacacte aaaagecagt ttttggetea 535200 atcaggtgtt cctacttgca tcgggatggg gaggggcagg attagtctag agctgtttat 535260 cettetteet gagagagage tgeeeettgg aaateaagea agggataaac acaggetgee 535320

aaaaatctgg aatagggggg aaaataaata attaattaaa caggtccctg tacagtgctt 535380 cttgctcctg ttatttattg agaactccca gggcgcccag agctgtgtgt tctgaaagat 535440 ggggtctcta ccctctgagc ttgtcatcca agttaaatga tatactcagg ttcaaacaat 535500 agettteett ggetgeacag gtgggagetg ggagtttgee ttttetttee ttttettte 535560 ttttcttttc ttttcttttc ttttctctct cttttcattt aagtaaactc tctgctcctg 535620 gaatgcatta aaaagcttta atgggattgc attttaagaa catttgaatg aaaaaaaat 535680 aggtggtagt tttgatgaaa aaaggccaca atttgctaac caattaaata ggcagataag 535740 atacttaact caacaaatac ttgtttgatg gcctgcttgt gtgagcctgt gagctatgct 535800 ggatgccacc gactgtgcca gcaaagagac aatagcaggt tgcaaccctg tttaatgggg 535860 tcatgggatc agtgtggcct cggttgtcac tcacggagaa tgttgtcacg gagattgcat 535920 ttettttteg ggtettgaat gtgtttttga gaggegtget gaattatagg tgeetgaaac 535980 aggagttgga cctgaaacac tccatagagg gagccccagc agactgcaac agctaaccct 536040 tcctagcaaa cacaggctct cccaccccga ttttctttct ttccttcttt tcatcagcaa 536100 ttcacagget gecaaggete aagtgtetag atttgettge ettettetat ecceteett 536160 gccagctggt acctgtatgg cccatcttcc accaacccat ggtaatgatg gcactggcca 536220 ggcagtgttt ggtctcttat ctcccaactg ctcattctcg tccctgctga ggattaattt 536280 ctgagatgca acgagtgtgt actcaatgtt tcacacacaa ggcactcccc cctccctctc 536340 cccctcctcc tcctcttcct tcttctcctc ctatttctta ccttgccacc aaatttcagt 536400 gtgtgctttc acagagatca tccgttagct gcagacccca agcccaccat aatggccaat 536460 ctctgcaggc ccactctctg aggcccctga tgggcatcag agtaacaggc cctcccgtag 536520 agagttttgt gacagcttga cacaagttaa agtcacctga gaggagggaa cctccatgtg 536580 attggactgt gggcctgcaa gcctgtaggg cattttctca gtaaaggctt gatggggaag 536640 gacccagcct attgtgggcg gggctacccc tggctgctac tcctgggttc tataagaatg 536700 caggetgage aatceagtta ageaacactt ggetgtggtg etatggeete tgeateaget 536760 cctgcatcca ggttcctgcc ctgactttct tcagtggtga acaatgaggt gaaagtgtac 536820 tttaagcaaa cccttccctt agtagcttgc ttttgatcat actgtttgac cccagcaaat 536880 agaaacccta actgatatcc ctccccaaat gatgcttccg tgagtccttc agcaagcccg 536940 acaggctggt tctgtgaaaa gcatcccatt ttccagattg aagaagctat ggtcaataac 537000 aacatgaatg ccaaagtctt gaagctcaaa cctaggcctc ctggtatata gctctgtatt 537060 cttttggcca tcctggttct tctggaaatg tcccctgaaa gttccctaat ttaaaaaggc 537120 agaaaatgat tgcccttagg gcagtggttc tcaacctgtg ggtcgcgacc ctctgggaga 537180 gaggtgaatg acceptttgc aggggtcacc atgtcagaga gcgtgtcttt atagtgcaat 537240

tcataacagc agcaaaattg cagtaatgaa cttagcaatg aaaataattt tatgggaagg 537300 ggcgtgtcac aatatgagaa actattaaag gtcacagcgt taggagggtt gagtagcact 537360 ggtctacaat gtgactttga gagtagaggg taccttctga agacagtatt tgccactaat 537420 tttatgttga gctttaaaac attacatggc ttattttctt cattatgttc tacaatgtac 537480 ctgtgtttag attaatatag aagtgaatgt ttttaattat gtgctttagt ttatgaagtt 537540 aatttaacta caccccttct ggcacaggaa ttcccgaaag gtgtgtttgg gtctgtgaag 537600 atagattatg ctagatttgt ttggctgcct cagttgggtc ctagggttgc ctatggatta 537660 aatacaactg ttagccctct gtagaggcta ttgtattttc tcatagtttg gcttatagca 537720 ttgattcttt agttctttct atctgttgca ggtagatatg tacacacccc ccctttcttc 537780 acactcacac aactctgatg taattcagtt gtcatgcaga tatgcaacca caagatgatt 537840 gcatagtete caccaaceae agecaagaeg catgteacta etgtgaggtg atageceagt 537900 tctacttggc agtgtgaccc gctgacctca aaatacagtc ttcctgtgtt tattaccctt 537960 tcagtttttg ttatgattct gtacagcctt ttttttttt catctgtaga ctagatgggc 538020 aattttacct ttacacacat ctgacatgca aggggtggat taacacagga caagtgtaat 538080 gatggagccc acttagaaag tgggaaaaag caatcatagc tgctatcttc tgagcagtta 538140 tcatggctgg gtttgtgcag agcaatttac atgccttatt ttctgttgat tctcagtcac 538200 catatgaggc aaggacttta gttattatga tgattataga tgagaaaatt gaagcactga 538260 gagetteggt taggtteeta gtttgcaaat agegaaggat ttagagetta tgtgateggg 538320 ctctaggacc tgggttttta gccactgctg tggacagtca gtccccacag acgatgagtt 538380 ttagtgttca gcctatcctg tgtggggcag gcgaggctcc aattgataag acaagaccag 538440 ctgtttgtag gtgatggagc agagaatcct tgtttgggaa cagagttttt gagtttacat 538500 ctctcaccat ctgaattact gtctggtgcc ccgtgtggtt tctcagccat tcatttttt 538560 gctaatattg tttttggcat ttgggcctgt aaataacctt catgagtgtt acctcttcaa 538620 gccccagtac ctagtgcagt atctgttgtg cagccagaca ctaagaagtg tctattgaat 538680 gaacaagtga cggctcttgg aggatcaaat tggaaataaa tgcactctat acttagcggc 538740 aatattgtcc tggttctggt caccatatat tcccttactc gtcttccttt tcttaatagc 538800 tgatgtgttt aggattcctt ctcttcagct tcagggttag atgctatcct atctactctc 538860 ccggctcttc atagcaatag ccagactgct tgtgttacaa gtgtgggagg catctttggc 538920 catagaaacc tccgtgattg gtatttctgt ggttgatcta acaacattcc aattctagag 538980 ggaagagett titgtigtag gicagigtti ettaacaigt ggiataigga ecaecagige 539040 caacatcacc cagagatttg ctagaaatgt aaattcttgg acctaacata gaattactaa 539100 atcagagact ctggaagtgg agtaaggctg gattcgtata agtttcctac aagattgaaa 539160

taaacattcc atactgctgg ggagctcctg aatcaggaag acaaacaact cgaaatagct 539220 ttaggaagac cctgaagctg accagattca tgaggtccct ccctaccaga ctggaagctg 539280 agctacaaga ctttcagaca aagcaagcta cgaagaagac tctggacccc accagctgcc 539340 tgaaagaggc agagaccagc caagctgtct agaagaggtt tagattacct gagggaccta 539400 gaaaatgaat tetteaacet gttgagetge etgeaggeta tgeagtgeea etteagggte 539460 ccagctttgt gagctgtcac tcatgctggg gtgggctttg gtgatgcagc tgtctttgag 539520 tcatttctgc tcctgtaagt gaccccaata aagctcacgg ttcagcaagt tggttcagca 539580 agttggaatt tggtgctatc ggcactatgg tctgtcatgg gctgtctccc tggggtgagt 539640 agacaggtgt gtaacatttc tccaggaaaa gtcttgtcac acaaaacatc aggcaatttt 539700 tgggtttcct tattttattg tattcatttc ctatgtatgg gtattttgtc tggatgtgta 539760 tctgcgtacc atatgccatg cagtggcctt gtgggctaaa agacagtgtt agggcctttg 539820 ggactggagt taacaggtgg ttgtgagctg ccatgtgtgt gctggaatct tacctgggcc 539880 ctttagaagg acagacaggg atcttaacta ctaagccatc tctccagcct tcagtctgta 539940 tttttaaaca ggcctcaaag tgatttgaat tcatgcttca ggaaaagaaa gtgaattcca 540000 ttgtgctcca actgtggtgc ctgggaagga ggcattgtct catttttctc ccttgtattt 540060 tatcataaaa tgcctactaa gtgctcaccc aatcctgtta ctcctattct ctccaaacat 540120 gtgattgccc ccagcagacc ctgaggctgg attccctcag aggagaatga tagaggagcc 540180 aaactgacca accettgact ataatagcat gatttcatct gtaacagtgt gacatcatct 540240 ataatagtgt gatgtcatct ataatagcat gacaccatct cacttccctc aaggtttcct 540300 tatgacttcc ttaaatatgt gtaggcacat gaaaactgga aagcctcaaa gccaccatgg 540360 ggacaattgg ttggaatcat gggtctagtt tatttaccag agccagggga acaacaaaca 540420 tggaccacct aggtctacca tctttctgtc tctcactcga aaacagactt ctaagagata 540480 atgataaaat aaagtatcag tttgatctga tatactcaca aattttctta taatattacc 540540 ttcatgaaat actaatttgc cgatgtctta gggttttact gctatgaata gacaccatga 540600 ccaaggcaac tcttctaaaa gacagcattt aattagagct ggcttacagg ttcagaggtt 540660 cagtcccgta tcatcaaggc agacatgatg caggctgaga gttttacatc ttcatctgaa 540720 ggctgctagc cgaatattga ctttcaggca gctaggatga gggtcttaaa gcccacaccc 540780 acactgacac actccaaggc cacacttcct aatagtgcca ctccccgggc caagtatata 540840 tgaaccatca cagccaatgt tcatgttacc atagctgatt ccccctccc caacccccat 540900 tacttgaaaa tagctttccc ctgctccttc cataatatat caggattaca gttatctctg 540960 tecetetatt ceteteagtt cetececace tececageca eccaggitea ceatettiet 541020 gtctctcact cgaaaacaga cttctaagag ataatgataa aataaagtat aataagataa 541080

aacaagagct aatgcatcgg aataggacta aacaaacaga agaaaaagag cctcctaaaa 541140 aggcacaaga aacagatata gatgcagaga cacacacccc ttcctcattc gccataatcc 541200 cataaaaaca ctaactggga gccataataa gcaaaggact tacaaggtag acatttacac 541260 atatatatta tattacatat aatatataca tgtgtatata tatccctgcc acaatattgt 541320 gagatgaact tctaaagatg ccattggact cattttctat tggccatcta gtgctgggca 541380 tgtggcctac cgtgaagagt agtttgtttc ccgagtaaga ctgccttgga ggaagctaaa 541440 ttttcatttt caagcggtta tcagttgaag gtggcttctg ggctagagat ggggacatgg 541500 gtacacttct cttttctgct gtaggacccc atgtggcaca gagcagtgca ggctctgtgt 541560 gtgcatgctg cctccatctc tgtgagtctg tgtgtgcatc aatcctggtg atgttccccg 541620 gagageetee ateceetetg gteettatae tetetetgee ttetettetg cagggtetga 541680 gccctgattg gggtggggag tgttaatgga gactcccgtt aaaggcttag agtttcaaca 541740 gtagctggtt taatgtatta gttcctctgc tccactattg cttggagtgc tttcttcaga 541800 gaagttagtg gttggggaac ttggcactat ttttagccca acaaccatgc tgttatacag 541860 acttcaaaac ttttctgtaa agagccaggt tgttaacatt ttactctttg caaactactc 541920 ttaatctctt aattatggtt aatctcttaa tcatagctac tgacctcatg ttgttctctg 541980 aatgaagcca gggattggta tataaataag cccacagagc tagggcccta tgaaatatta 542040 tggacactga aacctgaatt ccttctcatt tttatttgtc atgaattatt ctcaccctc 542100 cccctaaatt tcaaatcatt taaaaacgta agaactactc ttggctcaca ggctattcga 542160 atacaggcca gatgtggccc actggtagtg gcttgccaat ggctgctctc ctggaaagtt 542220 ggggaggaaa gcaagcette tecaaggetg etatteeate tagaagggge catgacagaa 542280 gggcttggaa gccctaagca agggtgtcat catcagcaga gggagaccca gaaggctcca 542340 gagcaggggc aggacgcttg agcggtgtct tgaagcttag tgaagaaggc agacaaggga 542400 gtgctggaga gcatccagct tgctcgcaag tgggatgttg aatgagtctc tgagccacaa 542460 gccacttacc ctggctgggg agtgtccaga attgagtgtg caggaccaga tggcgaaggg 542520 cataatgaga caagcaaagg tgggtaggtt tacccggatg gtcactttca gactttccaa 542580 accttgcttt ttaaaataaa cacttgccca gaagctccgt gtgttccaaa agaacagcgg 542640 gtcctctttg acctgctgtt ccaggaaaga gccttgccaa gttcaggggt gctaggtgaa 542700 gcaggttgca aagtccccag atcccacagc ttgccccacc ccccacctgc atccatgcgt 542760 catcttcggg atttctgctg agcttggtgg gaagaccaag actgaggatt tagggagcag 542820 caagaggttt agaagcacac ccaaccccag tgtgttctag aaagatcact cacgataaag 542880 tgggtaaagc aactgattac aaggacagcc attggttcac attggctatt tcttgtattt 542940 atttatattc aggggccagc cgtgtgtgaa agcaccgctc tcagcactaa atagggaaga 543000

taataaactt gtagcaaata ggtatttttt ttttacatta aaacgatagc taaaacttta 543060 gaagatgcca tatagcactg tatccctcta atccttacca tacttttacg aagtgaggcg 543120 tttgtattcc ccaattcgca gatgagaaaa cagtgatgcg tgttaggggg aggtgggggt 543180 gtggggggt ggggaaagtt cttctgaaga caaacaagac ttcctgagag ccacaacccc 543240 atccccaccc ccgctgcgca tgcgcaccat agctgggtgc ctactttgcc aagaaacctg 543300 agggccagtg caagtgctca tgggaggaca ccctggtcag tgtaaagaga accttgagtg 543360 tagttaaggg tgtgagggag tgaagaggag agtggcagtg ggctgtagga cgaagtcgca 543420 gcccttccaa caggaccccc taggctgtgg gaagagatta gattttagtc tcaaagcctg 543480 ggagagettt ttgaagggaa geaggatgat tggatttgaa tttetaagta atggetggee 543540 tgtggggaat ggctggccct gtggaaggag gagagcctgc aggaggctct tacagtattg 543600 ccgggacaga aatgatgttg cttctagcca agagtgagaa gagaggatgc aaatggactg 543660 ttatttactg tcataagccg acggataatg aggacctgaa ctgcattccg gccatgaaca 543720 cagaaaggaa ggaggggatg agatagctca ttaaggaatg gtattgaaaa gtgttggcag 543780 cccgttagaa gatgacttta attgctgttg ggttttggtt gcctttggga catccagaaa 543840 gaatgataaa agaggcattg tgacaaattt taggaatttg ttcccccaaa cttagaatat 543900 gttaggetet tttaggetea aacageeeta tttggaetgt gtgtgeeetg agtggtattt 543960 taatctgctc tcttttgcta taacgaaaga cctagatcaa gctataaaga gtggaagttt 544020 atttggctca ggatactgga gattgggaag tctattgcca tggtcctggc attcagcgag 544080 ggctttcttg ctatatcttc acacgggcaa gaaaagtggg tgcagctcaa ataccccctt 544140 ctgtggagga agccactaat gtcatccttt tgtagaaaag atttattttc atttattcat 544200 attggtcctt tgtctgcata tgtgtctgtg tactttgtgt gtgtgcagtg tctgtggagg 544260 ccctggagag ggcatcagat ccctggaacg ggggttacag attggcatga gccaccatgt 544320 gagtgctagg aattgaacct actacttctt ttgcaagagc catctctcca gccccaatgc 544380 catctaatct taacagtctc caaaggatcc caccttcaaa tatgaatgac atgtggatat 544440 tggggttctg ctactgacag atggactctt ggaggacaca ttcaaatcat agcaagggga 544500 gtggcctggc tagttcatcc cattctttcc catgatgcca tcgaacgcac agtgattgaa 544560 cccttagcaa atgattatac aaactgcaaa gaaggctctc ctcatctagt ggaaaagaca 544620 gtgataagag ggggctgaga taaagggttc caagatgggg ctgtgtttac aggaataata 544680 aaagccaggc agtctgaaag gaagggtgtt tctggggact tcctgctcag taaggcagaa 544740 tttcttgtca gggcctccct acccccagcc tggctgaaga agtgtgttat ctaacacgcc 544800 agetgttete cateattget cagtggeete eectgaagge teetetette caetgtgace 544860 ccttttaaga actggattcc aagtactgac ccgtgtttct ctgaggcagc gggatggggg 544920

aaageetgaa geagetggta aeeaegggtg tegtettgtg teaggeteee atacteagea 544980 atatttcttt tcttaaccct atgggagtct tgtgccatgg gcctctgatg aaacccatag 545040 ctcctaagcc tatttttaat gcctcaaata atttgggctg ccaagtaaac caattatatt 545100 gctatacaaa gatgttactg tgtagtaata tatcttaaca cattgaacag ctaggtctag 545160 cagcagcaac cactataatc tcaaagtaga gatgagetta aatgateett tgagatatte 545220 gcagtaacta tgaaatgata agaaagtgtc tgatttcttt tggtgacaag gcatggcttc 545280 atttaatact getgtggact gaatecaaat taggggaaat getgetteae ttagagetga 545340 agtaaagatg tacctgcctc ctcgcctgct ccatggattc cttgaattct gggcctgaac 545400 taaggatatg agtagaactt ccactctgaa ccattcattc atttacgtct gagaaaccat 545460 agtgtgaaat gtaaagtgtc tcattttgtt tcaaagccca cttgatttac ttgcctatat 545520 ttgtgagett actettatat gtatttatag ageagaeatt tageeaacaa caagtgaatg 545580 ggtaggtggg tgggtgggta gataagtggg tagatgggta gatgcatggg tggatggatg 545700 gatggataga taagtgggta gatggtggaa aagtgggtag atgggtggat gaacggaaat 545760 gtggtaggtg gatggttgga tgaatggata gataggtaag cagatagacc aggtaggtga 545940 atgagtgtat gggtggtggg tagaaggatg gatgaagaaa attcagagag gagaaatgac 546000 tatctaaatt ctctcaactc ctaagaaata gagcttgact gtgaatctga tagtttaatc 546060 tettgttata aetttagagt tgaaatttet aattetttet aeceeteeca getteaetag 546120 taactttcag agttgaaaga atgttagcgc cgggcgtggt ggcgcacgcc tttaatccca 546180 gcactcggga ggcagaggca ggtggatttc tgagttcgag gccagcctgg actacaaagt 546240 gagttccagg acagccaggt tacagaaaac cagtctcata aagaatacta aaatgaagac 546300 aagcaaggaa gaatgtagct atagtcacta gttataaacg gccctggcat tcgacctcta 546360 atactcatat gaagtcacga acaggattac actgtatagc acgggctgtc aactggaacc 546420 acgcataagc aggaagtgcc tgaagctaga aatcagcagc acgtgctctg aagcgactct 546480 aattggtacg caggagcgca tagagctgac atagagaaca cagagaagga gcgcaatgcg 546540 ggcacaacaa tcagggcagg gatgcaagaa aggcacaggc gaaggaacaa cgacagagac 546600 accacaaatg acaataacaa caaaagacaa aagcatggat gaacaggaac acgaaaaaagc 546720 gaacaacaca gatccaaaag aacaccacaa aaaacacgga cacaaaagac acacagcaca 546780

aaagaaaaaa aaccaaacag cagcagagac cacacaaaga aaagcacaca aagtgaccca 546900 gccacataaa caaacagaaa caagcacacg caccaaaaaa gacaaaacaa gaagaacaga 546960 aaaaaaacac aacaacagca acaacagcca acctaagnnn nnnnnnnnnn nnnnnnnata 547020 ctcatttttt ttttaagaca gggtttctct gtatagccct ggctgtcctg gaactcactt 547080 tgtagaccag gttggcttcg aactcagaaa tcctcctgcc tctgcctccc aatttttatt 547140 tttatatcgt attittigtt gitgitgitg tgigtattig taagcatigc atggigcaca 547200 tgtgggagcc agaagttgtt gtgtgtgtat gcatgagcat tgcatggtgt atgtgtggga 547260 gccagaagtt gttgtgtgt tatgcatgag cattgcatgg tgtacgtgtg ggagccagag 547320 gattacettt agaaateagt teeettette cacatgtggg teetagggat tgaaettagg 547380 tecteaggee tateageaag tgettttaee eaegaageea tteecetage eetgaattaa 547440 gttattctaa ttatgagaag agacagcttc tttattttgt tcagagcatg tgtcaaatac 547500 tttgttctgt tcttagagtc acattatttt attttgttac agttgcggct tgtatgttgc 547560 tgttatgagg ccatgtgtct ccatacagcc cagtctaagc ttaagacttg aaatgtaacc 547620 caggtttgcc tcaaatccat gatctttctg ccttagcctc ttggatactg ggaaataaat 547680 gtgtgcatga ccacaaatgg atttagagac acattttaaa tagtggtaca ctcagttact 547740 aggetateta tggateagaa getgtetett gtgagttatt gataagetgt ggatatgaga 547800 ttaggtttag atacctggta tgagaatgtg gggaatagta acttactatc gctccccaac 547860 gcagaccaag acccactgtt tacaagggac aaatcttgcc tcggttgaag aactctgtaa 547920 tgattaaacc tacttagcag tgttccttac ttgcctgatg agatattgat tgaaagtatc 547980 caaacattga tctatgtgtt tatttattca ttcaataaac acttatcgac atcttactac 548040 aagctggatg ctgaggtgga ggctgctctc aaactagaga ataagacaaa ctgtggtaga 548100 gctcagagtc ttctgggaga tagacaataa gtacaatttt taaaacaatt ataggtattc 548160 tgaaggaaat gagctgactg ctatgattca gagtaagaac cgggaatgag gagagacgag 548220 ttcctgggtt gctgaagagt tagcttaaaa tctgaaatat ccaaaagagt cggtccacag 548280 ggaactggag gagaagcagc aaagaaatag cgtgtggcga gacctgaggt ggaaagatgg 548340 caatgcatcc ctgaaagaaa gctgctgtag gagcaaaagc agcttaaagg aggagagcta 548400 agggatgtct ctgcagtcat caggggacca gcacaggtgg ggtctcaggt ctctgggtat 548460 aattctgagt gtaatgggca acattgaaga ctgttgagga aggtctaact tgtcttaaag 548520 accaccttga ctgcaggatg gaggacaagt tgtggtttta agtgagagaa cagttgatca 548580 ggagggaggt gctgggagct cagcctgggt agatgccatg gagaggaaga ggaggatggg 548640 ctggagaatg ctggaaaatc tggcttggat aacagagcca gtcatgggag cagaatctct 548700 gggattgact ggtggtcctg ttgactgtgt tgagttagtg ttgaggaaca gagtaacaag 548760

agagaaagcc tagacagcat ctttcaggaa ctctgaagcc gtgcacggat ggggtggttc 548820 tcatgacaca atgacatcag tgtgtttgga gagattgggg aaggtacttg gcacttgtcg 548880 gcagcatgta gggggcactt ctggcatctt gtggagagta gaccaagatg gcccaagaga 548940 catacctcaa gatggaaatg actccactca gaacaccatt agettteteg tggacagatt 549000 ttggtggact acctccttcg gtttaagagg ctggaggatc ccgtttccat gctgcctacc 549060 attcatagct tttggggaat gatttaagtt gtcttttcaa aaacatttag ctgaaattac 549120 ctagagggaa gaaaagagat ggtatgaacc aggaacataa aacccgaagg aggaagtaga 549180 atggtcttgg agagggggct ttagcagcag gtaggatgag gaagtggacg actcagggca 549240 ggaatagaag gacatgtgaa gtctgtgcct ctttcaagtg tcttctgcag gggagctatc 549300 ccctgagaca ttgtcacaca gctcttccct cagccccctt ctgcatcagc ctcctgcaca 549360 ccttgggttc ctcccatgac tctgaatccc tatgaaaatg tccccttgga tggccccata 549420 catgicataa acttagcigg aacccagicg atgctgictg ticcagaaga actggaagaa 549480 cgtgacaacc tgagcagcta atgaagtccc actctaactt gagtaaaagg tttgtttggt 549540 ttgtttggtt tgttttgttt ccagttcttt agcttgatga cgatgacttc ctaattattg 549600 tcatgcacac gatgtcactt gagtctcgcg gcagtgctgg agctaggcgg ggcacgaggt 549660 agggatgtgt ccattgtaca atgtggtgac ccgaagaaac ccacttgccc aaatcaagca 549720 gactgtcaga gactagaaat tggaattcag agtcttacta accgggtccc tgatgaatca 549780 caaatagcaa aggatggaga ccctgtttga aaacaagagt aacccaaggg aacagaatac 549840 aagatgaact gcccaagagg gcattttata aacccgagaa attaataagc accagctgcc 549900 attcattcgc ctttgtctta taaggaaaaa ccaacctcag gagtcttctt agcactgggt 549960 tetetttete tetetetet tetetetet teteteggte eccageactg gaggeceage 550080 tttgtggata tttcctgtgt gccttactgc aggaacttca ttgggtagac cttgtatggc 550140 atctttggtc acctaggagg caaagctgag gctgcctttt catgtcctag aaatcatgac 550200 tggtgctccc tttggacttg tgcagtgaac agtgtggacc acagctctgg tgatcactgc 550260 agacaaaaat agtatgacat ggccatcaaa ctactagata tgctcactac tccttatgta 550320 ctggcctgca tgcatgcaca cacacgggaa catgtccatc agcccatggc gtgttcccca 550380 ccctcgatgg cctggtccca ggttgccatg ttgggtccag acctctcagt ctaatcatca 550440 tttgagagaa gggtgctttt tcctctggct gagagaagtt tcccctcagt gagagctaaa 550500 ctgtaagcgt gcgagtggtt atggtgagac gcggcaggaa ggagaagtgg agggacagct 550560 ctgagggaac cgggaaaacc cagagggaga tggggcttag agctgaatcg agattggatt 550620 ttgtcatgaa agacagaagt ggcaaaagca tcattatgag gcattaacct tgttacacac 550680

agacgaacaa gcagaggcag ggactcggag agaaattaca cataataaac taggcagaat 550740 gggctgagag caacattagc aattacaccc taagggaaga gaagggcaaa atagaagaca 550800 ggccagaggc aggaaggagt gagaataatt tctggacaca gggggctgct tgcacgattt 550860 cccctctttt ctgcttgact ccctaggtat taagttcccg tttgtgagga ggtttctctg 550920 aggecetett tettetgttt tteeetttge taaaatgaga gtaagaaaag cattetgagg 550980 gttcctttct ccattcacag ggacctgtcc atttctctgt gtttttagca caaaagaatc 551040 catttccatt catccagacc ggtcctggga gcttgctggg gggtctaagc ctctgccctc 551100 ctcttttctc ccaggctcat aattagccac agagttctga ctactgcgaa gggcctcttg 551160 gctggcccac tgctagatcc aacaagttat ggttgttatt ccttaaacag tgattttcag 551220 gaaatcccat ggcagctact gtggttaact tagtgaaaac tctgtcccca agaacctagg 551280 gcccattgtg tttctcctgc gctaatctcc atgagctggt tttcgtcctc catcttggat 551340 ttagtggaag caaaatgtct tcctttttct acgtgcatat cttatgcctc ttgtaactgt 551400 atcccaaggg agggcatgag aaagatccaa cagctcacct gcagagtttt atcagtgagg 551460 aaactatata gccaggaacc cttccaggga gctccttaag tctcactgag tagccctggg 551520 aatggacagc catagttctc tgtgagatag gaggacaaat gcctggtaat ggtgactgga 551580 atcaccattt ggttggacca attatggctt ctgtctagct tgggttattg tgatctgaag 551640 gaaattttag aagaacagct agctgtcttg ggtgtggtag caactgtttg cctttttaaa 551700 taaggtagtg gccacaagta cagcttactt gtgtgtaact gtgtgtcagg cattttacca 551760 aacgaattca tttagtcctt ataagaactt aacaactgtg aagaagaaat gttattacca 551820 accettecae gatatagage agtagttete aacetteeta atgetatgae eettttatta 551880 cactgcttca tgtactggtg actgccaacc acaaaagtat ttagttggta cttcataact 551940 gtaattetge tactettatg aategtaaaa tatetgatat atgatteeee ateeecacee 552000 ctgttgagaa ccacttgtta tagggctgaa acaatacatt taaagtccct tagctagaca 552060 ataacagggc ccaggctcaa cacaggtatt gggctctttg tctggaaagg tggtaagtac 552120 acaccytata gcaccctgag aatatccatg tyctagytag tattactcat atgatcactt 552180 aaaaccacct ccctgatgct gcagcccttt aatacagctc cttatgttgt ggtgacccct 552240 ctaccccaac cataaaatta ttttcactgc tactccataa ctatagtttt gctaatctta 552300 tgaatcataa tgtaaatatc tgtgctggaa agctgtgtgg tcttaggtga cccccataaa 552360 agggttgttt gacccccaaa gggttcccaa ctatcaggtt gagaaccagg gacttagagt 552420 gtcatcttct taagtagccc aacagtcagg cacattggcc ttatcagaca gtagagaaag 552480 ccaactcaac tcagattcag taagtcacca gggttatccg gtgagcgaga attgagttca 552540 aaggcagagt agacccgggt ggtttgtccc atcccaccag tctctcaagt aatacaataa 552600

tgaatgattg caattcgtag ctgtgctatt agtctcaggc ttatttgaaa actacatctt 552660 ttgggaagaa gtcagaagtc aaaggagaat gggaatggtt ttcctcctgt tcctgtccag 552720 cttctggcca gcctatgtga cttggggaga gtctttggca agcaggctat ctcccccagc 552780 ctcagccaaa gcctacccag gccagcactg tccatggata actggaacag aaacggctat 552840 ttggttccta ccgcagacca gacctaagac tccagtccta ctcggtactt gtgggtaatc 552900 aacaatccac agcccttatt ccttttgtgt tgataagagg tgtagtcctc tattaagaaa 552960 tatgatagtg tgagagcatt ctcaaagctc agaaatgatg ccctaaatct ctgacttcgc 553020 ttctctatga tgctcaaata aacaataaat aataaacaca ataaatgatc ttacatttgg 553080 acaattctgg ttttatttta agccaggatg tgtgatgtgt ctgtggggtg gggttttttg 553140 ttttgttttt cttttttcct ttttttttt ttttttggtt taaaggtcat ccaacttttt 553200 ttctgctcat gatcacgagg cttccttatc taaacagagg tctattgttc cagtcctcag 553260 acctacagag atctttttc ctcaacttca cttttaacag gataactgct caacctcccc 553320 aatggcaaga gacgtaaggt cttttcacag gaaaacataa atgtctaatg ggcattccag 553380 aagteteett caaagggagt ttaetatata geattttatg caaatgagae aetetettag 553440 gctgtggcat teetteettg aaacaageeg gggtategga gggagetaet eteeteaett 553500 accatttcct cacaggacaa catcaacaaa gaaatatcga tggcgctttt aaagccttca 553560 gaaatcaatt tagtccatga atctatttag tttagatgtt aatgaaactt ggtggcttta 553620 aaaataatga atatttaata agacataaat tgaaagacat aaacactgtt ggcaataata 553680 taatgaagtt aataagtett ggaceeccat gteeatetee etgeteeca aatggeecca 553740 tctcaggagt ctctatgatg ttcactgaag tttgctgcct ctcatattgg ccgcaattta 553800 aatgcgcctt tgaaaaccgt aatacggttg ggaatcgggc tgtggcagat aaagtgagct 553860 atcacactgt gttcagtagc tgcagtgggc aacggetete tettagetee etatetteea 553920 gagatttgtg taacaaactc agcttcctgt cttggaggca ggaagcagct tggggccctt 553980 cattcctttt aaacaaaaa gggaaagata tcatggttgg tactctctgg gcccttggtt 554040 taaggagggg ctttatttat tgagcaggag caagcatgtg attccacgtg ctcaaaacct 554100 catacaattt caacgcattt gggttgaggg tttgggcttt tcacttccgc tttaacagcc 554160 teageteagg gereagttet accetgttee teattagetg ggteactaca tattateace 554220 atccacagte ceatetgeet tetgecettt ttatteatet ttgggetteg eeetgeactt 554280 tgtctattta gaatetetee tetetggete tetgetgeee eaetgatagg accetgetge 554340 ctaataggat agtccgaggt cactcttggg acatgttcat gtttctggtc acagaagcca 554400 atatctaact aaaatgaact acageggagt eetgeaaaca ggacagttae eteeceagee 554460 ccagttcaga aatggcttct cttccggtga taatgcaaac tctgtgtctt agagcaaacg 554520

gggttgtgcc aggcacgtga catggatggc tagctcggtg ctggcaatca gaacatgtga 554580 atatacagtt aagcacgacg ctctccgtgg ctcgggcaag ccaggagagt tggcagatga 554640 ggccagtgaa ggctgtccct aaggatcccg ttgaagagaa tgtatctggg gctcagaaat 554700 gcagacttcc taagggtttg cgagtggtac ttcatcaata taaagagaaa cactgatgtt 554760 agaaaatgat catttttctc ctccttattt gttcctttct gtgtagaaag aaggggatcg 554820 gcctgaacgg gtccagccaa ttgcatcgtc tacactgatc cactctgacc tgacgtctgt 554880 ttatggcacc gtggtgatga acaggactgt tctgttcttg gggaccggag atggccagtt 554940 actgaaggte ggtttetetg tgettetteg ateagatgte eagtttteat aageteetet 555000 tagtacctgc ctacctattg taaacttccc ctcaggctcc accgagtcct acacaagact 555060 ctacctaaca tggctctgct tgttctgaaa aagcaacatt gtagcaatct gtacacagac 555120 ccaagcaaca ttgtagcaat ctgtacgcag acceteeget cetgecaeet cacaetgtea 555180 ccctgcaatg aggcactagc cgcctgctgt ctgtatagga ggcacaccgt gcccccttcc 555240 ttactcacgg ctgctgggtg tgatgaatgc tgctccagcc cctaccccat ccctgactca 555300 ccttcctgag acgtttaacc tttcagttct cacaaatcac cttatttctc acaacttcaa 555360 agagacacga gattagaggc ttgaaaagaa aaagaagaag aagaagaaac aggtgtgccc 555420 teetteeage eeetgtgeea eeeacagagg gggtttgttt tetgeeeetg taeetgtaca 555480 caccagggag aggttaaaga totgaaatto ttocagacto cootggcott toatotoata 555540 ggactgtttt cccccatggt atagatgaac cttggtcaag ctgagatttt tttttttaat 555600 tcacccagag ggggagggc agcggggagg aggaggagga gaaagtcaaa tcagaaccac 555660 caaggggttc atctgaaatt actcagcggt cctcttgtca gcatccttag caagcatgaa 555720 tggcgtgtct cccgtggcct ccagcaacag ccgtggctag gaaccgcagt gtctgtcacc 555780 ctagactggt gacactgctt gaccccctct ctcagcagcc actcagttga ccctcagctc 555840 agattettaa ttgaataetg geageeetgt ttgeeaceee eeceacaea acaeeeegea 555900 geogtegeee etetteaget agetgtgeet ttaaggegga teatttagee tetettagee 555960 tccatttctc taaatgtaaa atgagattat actaggcaag acaggaaaaa aaaaaccacc 556020 ccaaccettt ceteatetga tggetttgta eccaeagaet eteteeaget tagettgtga 556080 gccgctatgt ggtcctgtgt ccacacttga tcatacccac ccctagccgg aaatggcttc 556140 ccccttcttt ctattcttta ctgagttctc taattggctc cagtcctgcc ttctctctga 556200 cggtgtccaa gcccccagaa gtgtcttgct ctcctcgtct cctgagctac tcaccaccag 556260 caccetteet tgaetttata ttgatgtett geettgatae etageetetg tggteeatgt 556320 ttgtcctacc ttgagtctaa gcttcctgta aagggcgcca tgaattccct cagcctgaca 556380 caatgccgag ttctgggtag gcatttgatt gagtctgttt cctttggagg aaacccagta 556440

acatatggga gggaatttgt ttgtatacac attcttttta aatatacatt gatcatcttt 556500 ctccttgagc tagtttcatt tcctggggaa aggagaggta gatagagaaa tacccaccaa 556560 tetttgcaca ettgacacae aggaatgeet gtggacatae tageetggte aggeeaagga 556620 ggcccattaa ccctgcagag gaagtttcta tccgtcttgc ctgggtctcc ttaccaatta 556680 tetetteaga ttttgggatgt ttttgacaag tgttttgaca agaacaetgt tteeceaage 556740 tgagcctacc agactgtcac acgaagaatt ggaggtgaag gaacacttgc ctataaatag 556800 tececeatgg gatggettgg ettecettgt cetgtggatt cagateagee attegtgtgt 556860 geagetgtee gagttteagt ettgetagaa geeggggggt gggeeeaage tgeagettea 556920 cgctgttaat agaaaggtgg ttgcgattaa gtcttgccgt cctcatggtc tgtatggggt 556980 accactttga gacccccatc tggtctcatt ttcagggttc aattaacaag ggtagacaga 557040 tgtttggttt cagtttcatg agtttacatt tctacagtgt ttcctgcatg ttaaataatc 557100 cagctctctc accagcccca ttttacagat ggaaacatgg aggcctagca ttgttgagtg 557160 attggacaaa gttacaaatg ggcagtgcag ggatttgaac ttggaacaat gtcagaggct 557220 ggattcataa ctctctgctg tggggacatt gcagtccgtg cctcagcttc caggctcctc 557280 ctttgggggc tcttagccag gggatggtgt gttgggaggg agccagccag ccagccagcc 557340 ageegaeeet etgattgagg gaaceeetga eetgaeeeag gattaaeeae teeceataet 557400 tggtctctaa tagttccctc ccacagcagg aggctctgag gggtgaggct gtctccctcc 557460 caccetacte tetagggaca gtaggtaatt ceetteatae tgtetettgt gteeatgtge 557520 aaattottgg atatagottt tgaaatgact tggagatggo cocaacactc cocccaacac 557580 ccccaaatag aatcatgccc agatgatccc cagatctttt tattccaaag aacctcccat 557640 teetettgee acaettetee ecagaacegt tagggaagat gaacaetgag agacacaage 557700 ttggcttcta agcctcttcc tggaggtatt aatggacacc agagaagcga accccgacct 557760 gctgccgaca gcgggaggag gaggaaaaaa agggctcgca tcacccacag cctgactcat 557820 cagtttcgca gtgatcaaga ggcgaaggca ttttgacatg tgccaggcac cgtagtatat 557880 gcctggctgg atctgaggca ggcaaccggc agccggttgc tgtttttatc accaccagta 557940 agaacctgac ttcttccgtc tctgcaaacc tcatggagtt ttaatataat tttggtgcca 558000 ttttaaacct caggctattt aaataatatt tttttccctg cttgtgaaag aactataagc 558060 tcacgtagag agttgcaggg tagcggggga taagaggaag gcaaaataaa aatgatcttt 558120 aattgcgtca tgtagaggca accactgtca gcattttaga ttctttttt acatagttga 558180 ggtcagactg tatccagttt tgaatcctcc tttccttcag ctaatgaggg aagaggctta 558240 tattcaaatg ctgctgcaaa ccctttgtaa acagtatttt taaatagctc tatcatggtg 558300 ttatatggga acacaatttt gaacttgagc cgagatactg gatcactcta taaaaagtct 558360

agacagtact gtctccaaag gtaagatttc aatgatgagc catgagaaac ctagagattt 558480 tgtggttgct agcaccetta ttaccccact tetgeetttg taaaatggta gggaagggga 558540 ggaaatgtgg agctcaaagg tcctgcccta ccaacttctc cgcaggtgtt ttgggatcct 558600 gtagcaagtc gcaccccacc tcccccatca tctttccatt ttgccccctt tctgaatatg 558660 gttctatgtg atcattttt ttaaagttgt cagtatctct actgaaatca gctgaaagtg 558720 tgccgactct gaactcagtg tttgaaaatc cacatggcac gtgtcacatg gggtatacca 558780 tectaggaae acatgeeata tegettetee aactgtggtg gagtetgteg tgtgetttgg 558840 actectttga getgaetetg ttgeetgtaa gaatattete teetaatete aagggeaaac 558900 tgggagattt ttgagcgttt ccaggtggta aaaaattaag taataaagga atatgcatga 558960 aatgtgaaat ttgtaacttt atgcatgccc gttaaccttc cttataagca taaaagataa 559020 ataaggaggg agcaggtaag gactaataaa agccggcatt tctgagctct tactatgcac 559080 ctgccgtctg aaccagcatc agcatgggtt aattcattta atccgtatga gtcaatacta 559140 tgaccatccc cactttatca atgagaaatc ccggggcttt agggcattag gcagctggtt 559200 caaggtgatt tgaactgaaa caatctgtcc ccagagcctg ggcttttctc ctctggcaaa 559260 actgcattta cagtttaaat gtaatctctg gagcttgaca gagtgcctgg gatgagctgt 559320 ggacttttct gcctggtgtg agggcaactg ggcaggtctc gagacaccag tgtctgaggt 559380 ttcctgagaa ggggccttgg tttatgtggt ttttactttg ttcctacttg gggacagttt 559440 tgagcagctg agggctcagc ccctcttctt gggactgcaa gtggctcgtg gggacctctg 559500 tacagccatt agagctcagg ttttcccatg taggctcctt ttgaagaaca gtaaacattc 559560 tgaattctga gctagcagtg tttgaatggc cccctgatag gagagccagg gtttcccaat 559620 ttccttgttg ctgagggagt gtgctggccc aggaagctat gtcatgcatg catgcagcag 559680 catgaagcaa agcaagtcag ttcgagagct tgcttccaga actcaaaaac ccacaagttc 559800 ctgaagaatc tctctagacc gctggctatt aaggtggtca agtgaatgga agagagagtt 559860 ttcaaataaa atattttact gtacttccac aaaatgtaaa agtggggggg gggaaggacc 559920 caagacaggc acagagctgg tggggagcgc tgaacaaatt aatgggccaa atagaaacca 559980 caggaagtgc caggcttaga aaagggctcc gtggttggct gtgtagaatg tcatatgaaa 560040 cttatttcag actcactcca ttacacccca gcttgtgagt ctggggactc cctgactcgg 560100 cacagttagc tccaagtaac atgcaggtct agaactcaga attgagcccc gtgcttctct 560160 aactgactat catgaagagt agacagaget teceeteett etteetgttt tetetttagt 560220 attectaact ccaaaggeee actaeacttt ttttttttta aagattettt tgagteaggg 560280 tttctctata tagctctggc tgtcctggaa ctcacttttg tagaccaggc tggcctcaaa 560340 ctcagaaatc tacctgcctc tgcctcccga atgctgggat taaaggcgtg cgccaccacg 560400 cctggaccac tacacgctgt tagataactg ttttgtgtgc ttaggggtga ggattaagtc 560460 tccttcccag tgtttctcaa aagccatttt gttcgaaaga ataaacagga caattggctc 560520 atttaccctt ctgctgacca gcttcagaga aggagaaatg ggaaatgaaa tgtcttaaaa 560580 caccttagcc ttgtgagcac ggcttctcta tctcaggcca tcggaaagga acaaagaagt 560640 taagtgtttc acttggtttc ttttcttctt catcttcctc actgtggagc atggagctgt 560700 cctgtgactc tgcggtggaa atctccactc gcttaatttt agctgcacgg ctgggaggtt 560760 ttcgtatgca gcagaaatct cagggctagt taatagccta ccacgaggtt tcaggaagat 560820 gacaacagaa acaagatgtt gacatgaact gaaattctcc atcagggaaa atttctttc 560880 tacaaaggcc ttggttggaa gaatgtgaag agctttacaa aatcttgaat gcttaataga 560940 gtagcatttg acttaataaa taaatatgtt ttctgaagcc tcttctgtaa ctattctggt 561000 tatttgggta caaaggtgag tcaaaagagc ggggtgtgct aatcctagca cttgggaggc 561060 agaggcagga ggagctctgt gagttgaagg tcagcttcgt gtatgtagtg agttccaggc 561120 caaccagggt cacatagtga ctcagctatc tcataatact tacaaaagtg agccaaagag 561180 acaagcettg cetteetget gagtgtgtge gtgcgtgtgt gtaagtgagt gtgtgtgtt 561240 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt ggtgtgggtg ggcagagaga tcagaggcag 561300 aaaacaagta aattaatcat ccaatggtaa agccatttag agagtaatta aagtactgag 561360 aacaccagag ggatggagaa agaaggacaa tggccacagg agagaggcag gcaatcaggg 561420 agagctgctc ggaggaggtg tggctggatg atgaggcata tgtaggaata tacacagagg 561480 aggcacagag tgacttcaga ttagatctat attaaggtcg tatgctgaga gcaacaaata 561540 aaaacctgca ccatggctga gcagtgtgtc gtgtgaattg gacgaggttt cgcttatgca 561600 aaattccacc cattttgggt agctgtgact catggttctt tcctgcactc ctcctctgat 561660 cccattcttt ttccatagct gcccagccaa actggcccaa ggagcaatgt ctcctttgct 561720 ttagcctcgg cggctttttt tttttcctg catggatatc ctcatgaggt ctgtgactga 561780 aagtccaaga ggtcccctgt gcccctggtc tgggggcctg ggggaagtga gcagaaccta 561840 tgctggccat tgagagatgc tactggggac cgcagaagcc aacgtccctg acgctgactg 561900 tagtgcgttt gtgatctttg gaataaaagt tcaaccttcc cattgttttc ctctccagca 561960 cgcagaggtc attgtttgca tcatctgttt cacccgccca ccttcaaaga ttaaagaact 562020 taaatttaag ttctacgtat gaatctcact atgtagccct ggttgacctg tagactaggc 562080 tagactcaaa cctccagcag atctacctgc ctctgcatgc ctggtttcgg gaattaatgt 562140 tgtgtgccac cgtgcttgac cttatgtctg tatattttaa gataatacac ggacattgtt 562200

taaaacccta aactactgag aagtacagag tgaaatctac ccattcccaa cttcccattc 562260 caggiticaac taatgaaaga agtgtcactg gtagcittct agtcagagta tacacacaca 562320 catacacaca cacacacaca cacatacaca cacacatata caggcaggca agcaagcaag 562500 aggggatgta tttttcccct ctcctatttt tactgaactt gtgtatagct gggcagtggt 562560 ggcgcacacc tatagtccca gcacttggga ggcagaggca ggcggatttc tgagtttgag 562620 gccagcctgg tctatagagt gagttctagg acagccaggg ctacaaagaa accctgtctt 562680 cgtatattta ctataacatg ttaaaatact tgccttctaa ctattctgat ggctaaagag 562800 tactctactt tttacactac tgtttaggta accetgtttg tttttacact attgtttaca 562860 gactcctatt atttacatag ttccctactg ttgatattta gttagctcta gacatttact 562920 tataacagga tgttacaatg aatatgtg aatatgtctg tgtgtgtgcc cacacgtgca 562980 cacacacaca cacacacaca cacacacaca cagaaaggct tctgggccca 563040 agaatacatg ctttataatt ttcatgacaa attctagata gtctcccaga tggatcctag 563100 ttccagcatc cctgtcacat acccattcac acccatcatc tacggtgagc acgccgtgcc 563160 caggaactcg tttaggaaat tgttggtagg tcctggcaag gcatacctag aaacagcaag 563220 tgtttttgag aaagaaaggc ttccctgcct catttggatt gctgaaggat gctggtgcct 563280 cctcttcaag atgtcaagta aacagatcct tggcatagcc ctcctgtctt cccagtggct 563340 gcaagcgtcg atggcgcaag accctgtaac agctgcgaga cagctcccga cgcaccaacc 563400 acggatgagg gatggtgttt ttctaaatta ttttatgtct cttcttattt taaagcaaat 563460 ttcagacact atgacattta ccccaagata tttcattatg cctctctgag aaattattat 563520 cgtgttccca actgtgacta taatgtcatt atcacagtta acaaaattat ctgtaattcc 563580 tcaggattat ctactgaata tagctgaaat ttcacaattg attaaaaata cacttaaaat 563640 tatttggtte aaategatgt etggggeaca ettgggtgee tetggeetaa ggeaceeete 563700 ccacttaatt ttctctctc cactggcttc ctgaaaagcc aggttctagg gcctgcagtg 563760 geteteatgt ggatttgeet gtttgtttee tgtgteattt aagettgete tgtgaetttt 563820 gcttccgaag ctccttggaa gttagcactg gagatttgac tgggttcatt caggttgaag 563880 gtcagagttc cgaatgtggt acagagagct tccctgagga ggaagcctga caggatgact 563940 teetgaaata ggaeggaage ageaacettt ettgggeett aettgagaat eetgteagtt 564000 tttttttttt ccgttgttta acttcccccc tccctttcca gaagcccaga agctgtttaa 564060 ttctgagcta agtcatagtg taacttatga gttggtcatg agttagcaag tttgccactt 564120

actggctcgg tgcctgcttg cccccttggg tccaggcacg taactctttt ctatagggcc 564180 accttgctca gtggaacatt tctgtgctga tagaagaagt attctatgcc agcacttgac 564240 agtacagcag cactggctgc gggtgagctg tgagtgcttc aggtatggct agcaggagtg 564300 agaaactgga ctttcaatgg aatctaaata gccttgtgtg gttagtggct accatcttgg 564360 aaagcacagc totagagtoa ttttcaaatg agccacagat otttoctacc accotgagac 564420 ctaactgctg ctattttaaa agtttttccc ccctttgatt ttggtttttc gagaaggggg 564480 tgggtaggtg aggggtaaga agtgattete tgtgtageee tggttgteet ggaacteaet 564540 gtgtagacta ggctggcctc aaactcacag agatcttctt tcttgcctct gcctagcaag 564600 tgctgggatt aaaggtgtgt gccaccactg cctggcttta aaggggattt tttaaaaagtc 564660 atatttaata tatggggtca gtgagattga cttttactga gtgtctgcag aatttgctga 564720 gtagtcttgt aagattaggt gccccaaatc cactagcgat tgattaagca gatgatggtg 564780 tgaagttaca gggcaaaggc agtgcctgga ggggatgggt acagggagct gcctcctgtg 564840 ctgaactgat aaagagctgg taatgaaaca gcaaatgcca aggtgccagg agggtatgct 564900 ggggtaggga tacaactgct cagtggactt gtgagcattg ctttgtccaa aaagaatctt 564960 gggagtettt tttttettt ttgagacaca tatactatat gactaatgte caccatagta 565020 gacatgtggg tattgggcca gtgagatggc tcaggagtta agggggcttg ctgccaagcc 565080 tgacaacacg agttcaattc ctgggaccca cagagcggaa ggggagaacc atcacttgca 565140 agttgtcctt tgacctcctt actcacatac ccataccctc accctgtccc ccagagcaca 565200 gaaaaataat aaaaaacttc aggttaacag aacctacaca gtaaggtatt attagtccca 565260 gtttatagat gaggaaaggg aagtctggac ggttgagaat aagttcaaag tgatacagta 565320 ttgccaggtc taaaccaggc ccctacctca aatctccaag atgacagtag ctgctcatct 565380 gacctgcgca catggacccc cgcctcttgg tcttggcact catctgtcca aggccccaat 565440 ggcttcttgt ctccctccag agtagacagc aggatccaca caggctgtag aacctgtgcc 565500 cacccatga tcactcactc cgctgctcac tgactctttt ctgccttgtt ctgctctttc 565560 aaacataaaa acccaaacat gtttgggctg accagatgac tcagtggtta agagccctga 565680 ctactcttcc agaggatgtg ggttcaactc ccagcaacca tatggtggct cacaaccatc 565740 tgcaactgta gcctcaaggg atccaatacc cacttctgga ttcagggagc acaaagtatg 565800 cctatgatgc ccagacatcc atgcaaaaaa gacccataca cataaataaa ttgaagcaag 565860 caaacaaaaa cccgtacagg aacctaaatg actgttgtag gcgtcactct ctataaaaga 565920 cccaccgtga gcctggattc tccctttcca ccttagcatc tctgtaacgg tcaggtgtac 565980 catataattg ttagtccaca tttatagatg aggccactgt cgacccactc caaccccatg 566040

catgttaagt tcacgagggt gagatttctt tcccaatctg ttccctgccc ccactctacc 566100 ccatagecea acaetgtgtt etetgecatt tteetgagea ecaaacagta tacaggegat 566160 cagtaaatgt ttgttgaccg acgatgaatg acactcgggt gtctaattgc caaacctcag 566220 aatactgatt cacacctgca tctattttct atgtaaacac acacacacac ttctatccct 566280 gtgaacttgt cggggttgct ttagaatgca tggctacgtg aaaccacaga ctaagccatg 566340 caaatatatg ttgaacagat actgccttta gcttcaaggt cactcttgga gtgatcctaa 566400 gaaagctgtt aacttgcagt ttctgataga gccaagctaa gaacttgtgg aaacaagctt 566460 ctgcctgtaa gaatactgcc tccaaattga agtgtggcta tctgtgagtt ttttgatgac 566520 tttgtctctt ggccaaaagg atacactgta cttggcattg tcagccttgt ggaagatgga 566580 gttatgatta agaaatatat teteteacee agtetactgt etgececeae eccatgeagt 566640 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtatac cagcgacaca catatgaagc 566700 aagaaatgtt acctatttat agaattttat tattggctga atttccaatg gagagttttt 566760 cagagttggg gtgggggtgg ggttgcttcc aggtatcacg tgactaggaa aggatatggc 566820 cttaggatta atctataggt cttactattc tgatcttcag aatacttaat agaaattata 566880 tttcttttttg tttttttaaa tgaaggttgt tcttggtgag aatttgactt caaactgtcc 566940 agaggttatt tatgaaatta aagaagaaac gcctgtgttc tacaagctcg ttcctcatcc 567000 catgaagaac atctacatct acctaacagc tgggaaggag gtaggtgaag ctgctgctta 567060 ctgctcctga cttatgaata ggaattatct cactgatgtc attatacagt ggcaaagctt 567120 ttactttgag ccgccaggtt taaacagcgc tgcgggcttt gagaagacct atggtgggcc 567180 aagagagtag aattaaaacc cgtagtgact gtcatcagta actaagcaag aagtattacc 567240 catttagaca attttattat tggctatatt tccagggcca gatttttcag aggggggtgt 567300 acttgcaaat gggcgcataa tcagcagagt aactgaattt acacgtttat tgtgtgggca 567360 ctgagtgctt agctgcattt atgagtgtgc ccaatgggac tggctttgga acttggggtt 567420 aataccaggc caccatctca tacacattca tgaaccagga aatgtatatc actcatcccc 567480 acccegeaaa etetttaatt tategggatg titgtetitt tettgtetet gettaetgaa 567540 gtgaaaacaa tatcttttca acattttatc tctaaaagga aactattttt ttttttttt 567600 actgaattct tacaatatgg aagtcattgt gttttgtagg gtctgtatgt gtactgggtt 567660 gtgtgtgtgt gtgtgtgtgg acacatgcat gtaataaaga atactaatga aatatgttaa 567720 tgaaattatt actccactta tatatatgag cagtctaaga ctgggaaagg caagcagttc 567780 caggagatat gtgtgtatat atctgacgtg tatatctaca tgtagataca gatataacat 567840 atctctatgt attgtcttta acagggctag aactcaaact cggtcctgat tctagaaccc 567900 atgetttate etggeetggt agttttgate catgaceete tgaacacaet aagtaagaag 567960

aaggcattcg ggacttaaat aattacacaa tggatgtcac aggggccctt accctccccc 568020 cattigtcac ticticitti tiagccacti teaggaggag ageaatgact gicetaegig 568080 tgcttgcctt tttgagtcac aggctagggg tgacagtatc aagtattctt agaaaggcca 568140 cattgctctt ttcagtttgg aaagttggat atatccagtg atcccattaa gatggtctca 568200 catctgactc tecettagec tttttegget tacaccaegg cettetgege eggtetactc 568260 agtcaaacac tgttatgtct cttccctggg atcccagatt tgaaagactt ttgtctattc 568320 aacaaactgt gtttatgaag taaccattcc cattcccagg ctttatttat caaggacatc 568380 tcaaaactgc cagccagagt actgactgtg ctaccacgca acgctgataa aattccaacc 568440 ccctccccc accaaagcaa agctcctgga agtctggctt agtctgtgca tatttttttc 568500 cattttgctt ttggagatac tgcaaagcgc tcataaattc ccatccctat gcacaaagat 568560 acttgtagga ctcagaaacc cagtgctgtg ggcgctgtag taggctgtag accttgtact 568620 gtgtgctgaa gacccagtgc tgtgtgctga agacctggtg ctgtgggttg tagaccttgt 568680 gctgtgggct gaagacccgg tgctgtgtgc ttataaagac acagtgctgt gggctgtaga 568740 ccactgtgaa agcaccaata gttcatagat cttcacttcc tagaaagtaa agacttccag 568800 tecetaatga ettacageet gaagaeetta gagaeagttt teaagggggt ggggagggtg 568860 tcaaaacgtg tcgtctctat attcttctct ttagtataat tgcaaaaggt tctattgctt 568920 aaaagcttgg gctagatagg gagaccctgt ctccagaaaa agactgaagc aaaattctgc 569040 tacttggctg tgattgtgca agtgtgatca cccaagagtc caaatgcaag gagagccctt 569100 cctagactct aggaagttat tattaatttt aaaaagccat agaaaaaatc tataaagtgg 569160 tattaatacg tgcccactaa acataatcat atgcagatat atgtactgat gagaaatagg 569220 ttcacagtat attcattaga gagcaggtct aatgtaataa ttatagtatc ttatctttta 569280 cgtagagtta tgtgggtgct taaatatgtt aaatttatag acagtataat ttgaagaatg 569340 ttctagagac ttgtattctc ctgaaggttc ttagcaagag aacctccttt ggtccattgt 569400 tattaatgte tetacagtat taeggtgetg gacagattea aaggetegea agtetgtget 569460 aaggaaactt actgttcacg tttgctggac cacagcacca ttttctccca taacagcaat 569520 agcgagtgct tatgacacaa attatttagt atgcttctga gactatgctt gtaataaccc 569580 tgtgaagtcg attgtcctag tgccatcttt acaggcaagg aaacaaggtt agagagatta 569640 catgacactt aataaaatcc ctcagaatta gaaagatgtt ttgtgagtta taaggaaata 569700 aatatccaca ttctcgttaa ttccggctgc gcctgtcagc agcgcagagg acctaaaccg 569760 agagggcgca gtgatcctgc atgaagtcaa cctagcattg aaggatcctc ctcagatatg 569820 cettgtttte accacaaact cettetagaa ttetecaett etetaettat aetteecage 569880

atgcacagca teccaggata atgagttgta caagttttet tactacetge tatgtgattt 569940 ttgccttcag gaaatgtgct aggcaccact cgggtactcc aaacttacct ctgcctcggc 570000 tcacttccaa gatcagccca gcaccattga ctaactaatg gaaagtggga aagaaattat 570060 cttaaccccc ccgccccctt tgtagtgctg ggaatagaac ccagcacctc gagctacaca 570120 agggettgge tactaaacta eeetgteage eetgteteet etggtttett teatttgeaa 570180 ccccaatgga atgggtgtga gtcatcaagc caggagctga agtgatggcg ataccctaat 570240 accacttcat ttccgcatct cttgccggac tcatgctgat cattctgggg cagagtcatc 570300 acgtataccc ggatactcat ttccatagcg ccactgatta tactgactgt ccctgtatga 570360 aaacgaggag acctggctcc gtgatcccta tggaagtaat tatccacaga tcagaacctg 570420 aatttgggag gactcacttg agaaggetet aataatatag acteetagge tetgeeccea 570480 gaccegggaa gggtetggge egeaggggag tetgggaata eagttetete ttggtatttt 570540 tctgggggtt ggattcacaa cgccctcaaa agtttgcata taacctgtac atatcctccc 570600 atatacatta aattatettt agattagtta tgatgeetga tagaatgett geetataatg 570660 caatacaatg ttaatagata taaatcaccc tactgtatca cttagggaat gagaggattg 570720 aaatgcactg tgcacgtata ggcacagtgt tgttttcaaa tgtgttcgat ctgctcttgg 570780 ttgaatttgc gagttcaggc atcactgggg tgaacaggga tagccttcgg tactttgaga 570840 agtttcccac gctacaccat aacctagaac tcgagatctg ccattggatg ctactgtgga 570900 gacattcagg gctcaagttg acaaatatac tctttgtgct gtatgaccct cccccagcc 570960 cccagtgttg cttgtgattc catctaatgg atgccctcct cctttttcag gtgagaagaa 571020 ttcctqttgc aaactgcagt aaacggaaat cctgttcaga gtgcttagca gcggcagacc 571080 cccactgtgg ctggtgcctc ccgttacaaa ggtatttcct gaatcttttc tcaccagctc 571140 acatttttt tttcagaaag tgtcatgcgg cccaacactt gttgccctac tttaatgatc 571200 cattccacge tgtgacgaag cagagetete caggactgea atgtacgatg taaccataat 571260 tcattcttaa agatggttct tgccatgtca gtatcaagtc atttgaccca ggctacacag 571320 ggccacccgg tctgggccgt gacttgagac gggagaggct agtgcaggtg ggtttgcttt 571380 ttatttccta ccaagttagc caagacttca gagagaggca aaaggttcgc ccttggagac 571440 gataaaaaga atagcaacgt ttgaaatttt tcaaatgaat cctcatcatg ccgtgtattc 571500 tgctcgctcg gcggaagcct tattattaat ggcattgtct tcttgcacac catatagccc 571560 tgggcctgat gtacaatctc agtctccagg cagaatctgc ccagcttggt cttgaattac 571620 gatgtatgcg acceatctag geteaaggge gaettgtage ggetteetet ceatggeagt 571680 tettageate gtegetggga ceageetggt tggatteact gttgetatgg taacceagta 571740 ctccagctct cgctatagaa gcaaggagga aagagccttc actgcagctc aggcaggaat 571800

gagagggggg aaaaaaacaa gccacatagc agtggctgtc agattggtgc tttctgtttt 571860 ttaaaggtga acacagatta aaaataaaaa taaaaagagc agagcaggta gggaaaggcg 571920 gagggcagag cgaagggacg gtagggggaa tgaagggcga tagagaagta aattagagag 571980 ctcctggggg ggggtgcggg gggggggta gggagcgtga atggagaggg tgattatgat 572040 gtaagggaga ggctcgggaa acaaactaaa aatatggaga tggaatggat taagagttct 572100 tcatggagga agtcacaatc ttagctgctg caagagctag gactgtggct gccctcctct 572160 ctgcacccc ttgcgggggc tccttccctc agaatctctg gcagacaaaa gaaacagggc 572220 caagaaaatt ctcatgaata attgtaattg gggtaggagc cttttcttct tgtcacatgc 572280 ccaagagtag acttgaagaa attaactgat cacagccagt attatatggt tgctgtagtt 572340 cttttttttt tcttctttc tttttttta aagatccatt ccatttatgt tgcatctctg 572400 tgtgtctttg gagagctctg gacaggagtt cattcatgga tggtggtgac agtggtggtg 572460 tttaaatagc cgtgactact tgtttaacaa gcttcagtca ggagttggtg ggagatgccc 572520 aagttggtaa tagaattttg gagttggttg tattttgatg gtcctttcag aagccttaat 572580 agtatccgag cagggggcag gggtggtgct agctggaaag agatgttcaa gagctgagtg 572640 ctgaagtacg ggagcactca agtactagag cactcaagta ctatgatgtt tagaaacaga 572700 aggggtgggg aaaacatgag gaaggatcag aaaggggaga gacagcgttt aaggaaggag 572760 tgtgttgcca ggcaagggaa agggggaaga gagcaacgta ctgtgccagc tcctgccaag 572820 gaggtcaaag gaaaacggat ccgttggact aggacagggc gatcgatgac tgtgacagag 572880 gcccgttttt ggaagggtgc tggagctaca aaaggacaat gagcagtgag tggaggagct 572940 ccttgggggt gttatgggga acggtagagg agatatgtcg ccgattctga ggcaaaacgt 573000 agactccaga cagtttagga ttctaaagtt tatttgtttt tcattacatt ttaattggga 573060 gtgggatagt gcacgttcca tagtgtgtgt ggaggtcaga ggaccgctca tgggagttgc 573120 tetettetae cagatggaee ecagggaeea aacteaggtt gteaagettg acaggtaaaa 573180 gttttgtttt gttttgtttt gtttttgttt taacatacat agaataatgg tgtctggagc 573300 tgaagaggtg atggctcagc ccgtctgtaa agtgcctgct ctgaacgcat gaggctctga 573360 gtttgtatct gcagcacctg aaaatgtcag ccatgctagt gtatgtcagt aatcctagtg 573420 ctggcgaagc ggagacagga ggatccccgg aagtccactg gtcagatagt ccagtcaaat 573480 tgatgagete ttaagtteaa tgagaggeea caeeeteeeg taageaageg caaacaggeg 573540 egegegegea tgtgeecaat cacacteeae etaceagett tttttgtgtg tgttgttggg 573600 gaaaattccg gtaggaagga gaggggtggg gggaaggagg gtgaatattg tggtgtgttg 573660 tettteagea gatgacagaa aatatgaeet aateaeatea gtggggaggg tageeteagt 573720

ccaggatggg agggaaacag tagtgtggac cccagagctc gtagagatag atcagacctc 573780 agggtatgtc catattgctc ggaaccttct ttgtgacctt agaccagcag gagccaggtg 573840 tctgtgtgag cccggggaga gggagccgtg aaatctgagg aagggaagca ggaagcacac 573900 aggageteag gtaaaggaea caeacagaga gaaaatagag tatggttgee tggcaatatt 573960 catgtagtct agctccagtc ccatcatggg aaagtacgga ggatagactt cagtttagct 574080 agagtttggg gataagtaca tcagggtggg gctatgggat gacattgatg tcacctgtgt 574140 gcggtggagg gaagtaggga cacactgtgg atgggagaca tgagaggggg gaaaacacca 574200 cctggactgt gtgggggtca acgctgaggc gatacaggtg tggaggtacc gggaatggta 574260 aggtctacag gactgttacg tcatggcagc gagggtggag aacaagacta ctgtgtgaga 574320 aacagggacc tctgtgtgtc agtcgaagcc accaggaaca aggatgggcc cactggtgaa 574380 gagtaaagga caaattagtc aagacctaaa actaactagt aaggtgggtg agtgttggtc 574440 ctgtaggttt tgtgtaagga gtcaggatgg tatctattgc aaacatgaac ttgaactctg 574500 agagatggtc agaaagagag gaattatgtg gaggagggct gtcaggccca gctgggccac 574560 ctctagtaag ttaaaggaag cagccagccc tctagaacag tggtcctcaa ccttcctaac 574620 actgacactc tttaatgcag ttccttgttg tggtaacccc caaccataaa attatttttg 574680 ttgctatttc tttttattgt ttttttttt tttcaagaca gggtttctct gtatagccct 574740 ggctgtcctg gaactcactt tatagaccag gctggcctca atctcagaaa tctgcctgcc 574800 tetacetete aaatgetggg atttaaggtg tgegeeacea egeeeagett tegttgetgt 574860 ttettaactg taaetttget gtgegatttg etattgttat gagteatgae ataaatetet 574920 gtgatttcct ggtggtctta ggtaacccct gtgagtggat ttttcaaccc tagagaggtt 574980 atgaaccaca ggttgagaac tgtcgcttta gagggacatg gggaagctgt gtcccctggg 575040 ggaacagtga gccagaaggg agttgttaga gaattgggtg aggacagcaa gccattctta 575100 acageteget gtaaggtete tetteaattt eccetgttea ttateteget ecceeaceet 575160 tgctgtacac tttccagtag gaatgatcct ttaaaaaaaag aaaaaaaaa tccccactag 575220 acggtgtcct ccctagattc attgctccca atttctcctc tctcaaactc agcctgatct 575280 cctgcttgca gacaaggcat tctgtgattt gcagctccga cctctctcat gactctctct 575340 ccttggtctc actgattgtc tttctgattc aagaatattc ctgcccaggg cctttacctt 575400 gaatttaaaa gttctccatt ttagcacact cttcccttca ggagctcttt atctgctatc 575460 ctagaacgta tatctatgtc cacttaacta cccaacatca gagaagcaac ccctacccac 575520 tcagcaaaca tageggggte atggttgaeg gteettggta gecaegteee etcaettgge 575580 tcccagttgg ctccgttctg gcctaagata aaatgaaact aagcttcaga tctgtgactc 575640

atgttaaget eteggtacea tteaaaatta ggaattetaa aggggatgtt tttggtgtgg 575700 tggcgaagca tcccactgtg tttattttaa atgtcacaga tttatttaga aaaataattt 575760 cttctctgtc ttgagaaggt tgaaccttct tgtatacgtg tcttgaaagt ggatttgggt 575820 atggtggggg gccaagaaaa tgataattaa tttcttttt atttggtgtt aagaatagtc 575880 tcccagtgta ataagcagat aaaaaaaaaa accaactaag caagcactga ggtctagtat 575940 tttactgtgc gaacctcagg ttcaacctgt gctgcagttg tctgtgggtg gaaagggaat 576000 totttttttc aagotgaata tatattggag ttggaagcag tttctcagct tctcccgtat 576060 ttcgaagccc agcacatgtg ttcagttgtg gatttccaga gaactggcaa tcccgagccg 576120 atgagecega caaggtteea agagtteatt tgeaagtttg ettggeteae aegggtgeet 576180 ttcccacaga aacaatgtca ccaattgagg gtggattccc aagccagccc acaaaatcca 576240 tttcctctta atttcaacaa acatttgttg aatacctacc aagagccccc atgtgggaag 576300 tgagatggct atgtgctgtt gagaaaaccc agatgtcctt cttggctgta aggggttaac 576360 aagcaaacta ggagggcaga caggtctatg ccagtgatca ttcattcagc cgtccatctg 576420 accactgaca tgtatgaggt acccacgtgt tataagcctg acatcccatt cagaggcaca 576480 gttcccatct gaatggcttc tctagtctaa tgatgggtaa gcgtcagtag attctgagtt 576540 tettttgttt gtttgttttg tttgttggtt tggtttggtt tggtttggtt tggtttggtt 576600 tggtttggtt tggtttggtt tttcgagaca ggggttctct gtatagccct ggctgtcctg 576660 gaactcactt tgtagaccag actggcctcg aactcagaaa tccgcctgcc tctgcctctc 576720 aagtgctggg attaaaggcg tgcatcatca ctgcccggca gattctcttt cagtgattct 576780 acctaatgag caactgcctg atccttagaa gtctaacgag caggtatttc tctacattta 576840 ttattttcac tcatggatgt gcttgtcagc tgtgggagga ggaagaggtt tgtgtcgtgc 576900 tatcagcgaa actcaggtct ctttcatgtg tctgtcattg tgtacctact cttaagtcag 576960 agagcagatg tagaagatat tgaactaagt tacatgatgc actcaaagcc tctgcgccca 577020 tcatggttat ggatattcta ctgctaacac aagctccaca gccaagctcg acattagtag 577080 ggtaaggaaa tagaccattc tattccgtcc agtcagatgt atcataacat ggcacggcaa 577140 atagcagtag agatgaatca ttctggtaca ggaagttttg gagacttggg aatgtgcatc 577200 ttgtctctct ggaataaagg agatgaatag gatagggggc tataaggata gacacagaag 577260 atgtagggtt ccatggagac acagataggg catctaactc ccatgtgaaa ggttggggaa 577320 agetteetgg ggaagagatg atteaggeaa atetgaaaca taggeaggta teaggaaggg 577380 aaactggctg aggtaacagg ttggcgaaga atacacttaa gttcctgaat gtgggtgtgg 577440 atgcgtgtat ggcatgtttg gggggtgggg ataagaggac atggtcaaca gggcagatga 577500 gtcgtttaga ttttgttaga agaatcttgt ggagactgag caactgagca tacaatctgg 577560

agcaagatgg acttgggtcc tcgctgggag ctggcagacc agtcagcagg tggttataga 577620 aactggggct gggttagcgc agtagtagtt ggaagcaggt acattggaga gctatttgga 577680 agccaacact gacgggactt ggtgattaat tgaattcccc cttgagcatg gcacactaaa 577740 aatagggcca taaaatagaa gatgaagatg gccacgatgg aagatgtatt ctttcttcct 577800 tgacccaaca ttgcacaaag aaaagagctg acactcaaag aagctagatt ctccctgtgg 577860 cccaggcact gggttctaag gagagcaccc gggtcaggtg aggaggactt ctgagagatg 577920 gcagaggggt gtatgttcta actcttacca gcaatacata tgcagacatc tgacttgggg 577980 gaccagacag acagatgtgt cetteactga geagggtgta ggaggggeta tetaettggg 578040 gtgagcggca aacagcatcg actgccatat tggcacactg ggcaaacagc atctactgcc 578100 gtattggcac actgaagggc acagcagggt aggaagaaat aaagttccta aggatgattc 578160 ctatgggccg ggatctggcc tttgtatgag tagcctgttt ctcttctacg ccaaagcagg 578220 gttgatggtg gtacccatgt ctggggctgc tgagaggttg aaatcagata atatccctga 578280 aactgcaggc aggagcttgc tcctaggaag tgctatagtg gatgtcagta aggaggccgg 578340 gtcaccctca gcttcagtgg gagggtagcc tgaaactggg cctggaagaa tggtgtcaat 578400 ttttctctga gggcagaggg tatgggagat tctacaagct gaagaagagc tgagccagag 578460 gtctgtttag ggagtggcag gttggatttt ttttttttt ttttttttt tgtctctagg 578520 atactggtta ggaaggaagg aagggataaa ggtgctggga aggatgagga agtggaagct 578580 ctgagtttag atttaattag tatgtgctgc gagctcatta aagagcttta agcacaggac 578640 tgtatctttg aaagatttgt gacttgcaaa gattatcgcg acggcagtcg agaggatgaa 578700 gtgtatcaag gtgggcagca actatactta cctcctgcaa tttgtagagt gagtttatct 578760 tgtatctett ceggggteat etgeteggtg getatttett gggeecagtt ataacaatgg 578820 aacctagact gggtccttct cagaaaatgg gctatgcagg aacagccatt cacactagtt 578880 cettaatagt etecatgeae agggtagaga cagageeece aacatgetaa ttacagggta 578940 totggatoco tottgattat ttgtataaat ttaacotoot cotatattot totgcacatt 579000 ttccccaccg tggcaacagt tggaagacat tcaggcaacc cctagaagct gttttgaaat 579060 cctagcggca agcaccccat ggtccagctc ctgtctgacc actgacaggc tggcaggagc 579180 agagaaggga aactttgtca acageegaet gggageaett tetagageee agettgetet 579240 cctctcttga ggactctcct ctccctaaga ggcatttctt caagaactct ggtttaattg 579300 gtagecetat gggaaceetg cecaceaege tgtgcaatga cagtecatgg ggcacagtae 579360 ccgtggccat gctcttccca agccccaatg aatgatctct gttgcagatg ctgagcccgc 579420 agcatcctgc tagccaaagc cagccgagtg agctttctca gagagtcttc cttggccaca 579480

gaactecatg caactecace etgtgeetee tgeteattet teetgacace etaageagte 579540 aggaatcagt atgactgtca gcctgctttt tagagtagaa gacaggtgtg ggctctaagg 579600 aatacttggt ggcttcagag aacatgaatt gtttttcccc cctgaggtgc tggaggtgag 579660 gactctgaag tggggtttca gtggaccata atagaggtgg atggtgcttc tccttgatgt 579720 tgtagaaaca cccccattca ttcccctttc tagcttctcg aggcacctca cattcctcct 579780 cagetgeece tteetgeect tteaaatett aacgatgeag egteteeaga etetgetggt 579840 tetgtaetee tetetetgat etttgtgete acateggget geagaataat gteaaceeet 579900 accttaagat ccttaatttg cccaattttg cagagtgtcc accatgaagg tgacatcata 579960 gtcatgagta ctaggttgtg gacatcttta gaagccattt ttcaccagcc tcagattata 580020 cctacctggg tttatgtcca gttcccaagc cactccattg tctaccattg tagggaagag 580080 gcaaagagac aggaaggaga tggtgtccct cagagaggac aaagctggag gagcaagggc 580140 ccgcatggac attacataat aacctgtgga ctgagaaaga gaacagaact cagggccctc 580200 tccagttgca taaactactc tgcacattca tccaacagat actgaacacc tactatgtgt 580260 cctatgttct cagctctagg atttttggtg ctctcattaa gttacccaga gtctcatgca 580320 agtettttga geaagggatt ttagtttete ggagttacea taagggaagt tgeeacaaag 580380 ttggtggcac ttctgcaaga cagacatatg aacccaaggt gtcaatgtgg ccatgtatcc 580440 tgtgaggctc tagcgcaaga tctgccctct cacgtcccat ggtggttcct gtggctcctt 580500 ggcgctatct cctgtgatcg ccttccttgt atacatccaa acctctctct ccttcctct 580560 agcaagatac cagtcagtgc agacgttaag cccaggataa tcccaacttg agctccttaa 580620 ctaattaccc ctttaacgac tgtatccaag gaaagtagca ttcggagggt ctgggtgggc 580680 atgtcatcag ggaggaagag accagtctca aaattcacaa ggaagttgca taggggaagg 580740 caagcaagac taaataaact tgagaaaggg aaagagggac actgagtagg agtggggaaa 580800 gctggcagtt ttaaattggg ggtcctggaa ggccactgta atatttagca gaatggccag 580860 caagaagaca cttggagaca gaagatcatt acatatctac cttccttctt tccttccttg 580920 gagetgagga tatgteetee catgtgeaga teteaggett gaageetgtg cagtgacaet 580980 tetttatggt eeagtgeaac tetaatgaca gtgataatga taatgatgag atttggggeg 581040 gcccctcctt cttgtgtgag gaccccattg tgccaactaa ttgtatagaa gcaagtaggg 581100 caactgtctg tggggtggaa gcagtgggga gcagagagga atctgctgtt ctggccttgg 581160 ggccttcctg aatgaccctg acacagcctg aacctgggca tctgggttac tgtggatgct 581220 ggaagggact cgggagacct tcccacagta gaatggggtc ttgggacaag cgaagtctcc 581280 tgggttcttt atccccttaa tagttgctgg aagatccatg ggctaagcct attgcactgg 581340 ctggttttat atttcaactt gatacaagtt agagtcatca gagaggaagg aactccagtt 581400

aaggaaacgc tgccttgaga tccagctgta aggcattttc tcaattagtg atcagtgggg 581460 gaggacccag ctcatgatgg gtggtgccat ccctgggtcc taggttctat aagaaagcag 581520 gttgagcaag ccagtaagca acacceteca tggeetetgt ateageteet geetecaggt 581580 tacagteetg ettgagtite tatettgget teetetaatg atggaetatg atetggaagt 581640 gcaaagcaaa taagtccttt cctccccaac ttgcttttgg gtcgtagtgt ttcgccatag 581700 caatagaaac gaagatacct acttgccata gaagaaaaag aagcacacaa ttgttgaggg 581760 gcacagctcc actattggcc ccacaggcag ttggcagttt tctgtacctt atacataagc 581820 cagtttggtt tgtttggtaa aagttggcca caaggacctc aagcctcagc atttcaactc 581880 cogtacttat otgoaccato totttaagtg atgototaac ttocaacaag coccattaag 581940 acctatctgt ggcagggcac tttcataaga acgtattgat cggcttttta aaaattcctc 582060 aaatgtttcc acttgtctct gtgacctcgt gtttgtcctg ttctcagcag ctcctccaca 582120 tctgaacaca gtgttcagat ctgcattctg agccctgcct gccagtcttt ggttttgctc 582180 tcgtaccatc ttgaaatgct aggctgtttg cattctgcta tttggagtgt gtgctgtttc 582240 tgatagttga gataggagtt gatatgaacc tcagaggaag ggctaatagt attgctccca 582300 cccagtcatt gctagggaaa tgggccctca acacctctac agttcttcct aatgacatag 582360 ggggtgtata aggtagaggt agaagccaga ccatcctggg ccaagaggca tcactttctc 582420 ttctqtctcc atqctqccta qtttttctaa atacctcctc aacattcttc catgtaaggt 582480 ctataccaga attgaaaact gagaactttt ggtacaccgc acttgtcact tgacgaagaa 582540 ctgcatagag tgaaggccac acatcacttt tgtttgagtg tttcggtctg caaatgtgtt 582600 ttaggtgggc taaacagctc taagtttcaa gacaaagact gattttccac aatgccagtt 582660 aacagactga cctaatggac aaaaatcaat aaaatgactt aggcagatat ctggaagaca 582720 tggagaagaa tttagtccct ttcaacttta attctcagcc caattcagat aaactttgct 582780 gaacaccagc aatggaccag accettttet agattetggg ggaaacaaag atgaacaagg 582840 ctgtgtaccc tagagaataa aaaattagtg tggggaggag acagtcaata aatactctta 582900 atagctgatg tttgagacac aaggagatac ccaaaccctt ttctcctggg agatggaaga 582960 gctgtaaaag tcttggaaga agccttgggc tgtgcatgcc tttgtatgta ggaacacatt 583020 ctacgtagtg aaccaatata gaaaagctat gtgaatggac atatggtcaa ccttattact 583080 aagacctacc tagtcattag cattttgtat ttgtttaagg tacaagtttt ctgactctgc 583140 catggacatt attgctgtct tagatactgc tctattgctg taaagagaca ctaagaccaa 583200 ggcaactgtt aaaagaaagc atttaattag aagtttactt acaattttag gtggttagac 583260 catgatcatt atggcaggac acagacaggc atagtgctgg agcagtagct aagaccttca 583320

catectgate ceaeaggeag caggeaggaa cagteagtta gaeagttttg gteeggtgtg 583380 ggcttttgaa acctcaaaaa aagcttaccc cccagtgaca cacctgctcc aacaaggcca 583440 cacctcttaa tccttcccaa acagttccac taaggagcat ttaaacatag gagcccatgg 583500 gagccattcc cactaaaacc atcacagttt cccaggcaaa actgatggga attgcttcct 583560 aatatgtgtg agtgtggaat ttctagtccc ttaagataac actctgcaag tgttcagggt 583620 tggcatatca ttcatccttg ccttggtaag tcacaaagca tgcataattg aggcccccag 583680 aaggettgta geaggggaee tatttaattt eatgtgaett etatgteeea aaettettgg 583740 catgaacact atcatctcac tttgaaaatc cagtataacc catattttcc tttatggata 583800 tgtcctgggg aaaccaagtg tcacttgggt acttacgatg ttcctactat ggaagactat 583860 aaacatttta gagacagtag agagaatgtg agggctgttg acagacacca tgctaactac 583920 tctccatgta ccttagtatc cttctgtttg tcatggaggt ggtaacaatg ataacctgtt 583980 tcatgaaggt taatgagttc ttcccactgg tcatagaaat agtgggagag ccatagcaac 584040 gggagggtgt tatgttgtgt atgcctccat ataaagcctg tattggaaac agtccctagc 584100 ataacagtgt tgggaggcag gaggttcata catatttagg tctacactca tgaatagccc 584160 aatgccagtt ataaaagaga ctcaggctgc aattctgatt tcttactatt tcgtgcacat 584220 acaccttctc cttcattgct gccttctgcc atagaatgat gaagcaagat ggttctagct 584280 ggatgcaaga aactgacctt ggacctccta tgggcccttg gagttgtgaa ataaataaat 584340 aaataaataa ataaataaat aaattteeta eteatgaeat tetgteacag gggeaccaaa 584400 tggtgtaagg aaaagggccc cttggtgacc tgttgtattg tctactgcag tgtcgacatg 584460 gaacagtgga tgcaaaaatg gtcttggaaa gccatactgc ctgatgcact atctcaatcc 584520 ctctgtatac taacagcacc ttaggaaagc aatgcggagt cttgtaaaag ctgttccccc 584580 gtttagtttg gaataaatga gtcaagtcat gtgaaaagac atcgcatggc atataagaca 584700 tttttgcctt ttctaaaaaa aaaaaaaagt agtctatatt tctgtgttat tagcatcatt 584760 ctctcaaata gactgacttg cagacccagt gatgaagagc cagttgtttt tttttttca 584820 gcttccttag caagttattt tggcatcctc ccccccccc aacccccctg atcctgactc 584880 taggageett taatteagag titggtitgt cacagigaet teetgtiete titeatitaa 584940 tggagtctga ctccttcatc ttgtggactg gcaactgtaa tgaatgtcac ccgactcttg 585000 agaccacctg gtccctcctt tgtgtgctgt acctttccta aagatgtaca cccctgttgc 585060 aaatcactta gcaaaggacc ttgggatgct cttggagcaa accaccccc tcttgaggat 585120 gcagttgccc atgtgagagg agcagagctg gattgttggt ttgttaaaag ttttctgata 585180 cettateagt ataggatett ggggaeaggt cacaeteace ceaegtteaa geeaattace 585240

tgatatttag ttatcgaatt cetteaggga etgtetgete ttggtgaaca attagattag 585300 aggatgctga tgaaattctg gtggcaggaa gtgggagtta catttctgag ctcagagttt 585360 ctatttcaag gttgagtaag tggtaaattt ttactgaggg agtctagcct aatagagtca 585420 gatteteaag gtetgteece geeceeacee tggegeagta egtggatgga eaetteaace 585480 tgcctggaaa acttcaggtt tcaggttttc ggaagcgggc ctccctgtcc ttcatgttgg 585540 catgaaaaca attaataatt taagccagac ccattttaaa aaatagaaat gctatacaaa 585600 tacaataacg ataaatttaa aagtcgatcc agttgggcac cattcccaga ctaccaactg 585660 agcagacaca caaataagta aagaagagga aaaactgcta tataatgcaa atggctgcca 585720 tctccttgtt ttctgctgtt cttttattgc agatatataa tatcaaggct acattatggg 585780 taaataggtt ttgtggccta acccagaaaa cctaatcaca gcttataata ttatttctat 585840 gaaggaaata tattttatat tataaacaga tggttggcaa gcagtatttg gagcacaatc 585900 agtttgtaag gctgggtcta ccggggattt taacctttaa cagaactgga tgctcggatg 585960 ttgaaaccac aaggcatctt agaggacccc ggtgaagtga ttctctccag aatcttcacc 586020 aagattttca tottaaaaac tgcctccccc atctttgttc tttggttacc tgagacccac 586080 tttcccgtct tggctcagcc tagccacgct ttctaaattc tgttgagacc ccaggaaact 586140 gggaggtact ctgagaggcc ttatcctgtg caccttataa aatggtggcc agggtcctag 586200 gaggetacea gtgagagage etgtgtgeet etgaacetag gteatgetag aagagtggtt 586260 ctcaacctgt gggtcttgac cccttcgcag ggcgagtgac cctttcaaac acacatgttt 586320 acattagaat tcataacagt agcaaaatta aagttaggaa ttagcaacaa aaataaagtt 586380 tggggttgtc tcaacatgaa gagttacatt aaggggttgc aggatcagaa agttgagagt 586440 cattacaacg gaaagagaac taacgggaaa tcactcagat aagcacccag cacaggtgct 586500 gttgctgcca tgtttgggtt gtggagtttt tcaggtatac gatgggctac acagatttct 586560 actgacttcg gaagcaaact caccacatcg gagtggtttc tgagtgtcag agagtgagct 586620 tagcagtgtc cggaagctcc attggccact tgaggctgag tagcttggaa catgttttct 586680 gggttgcaga tggggaggag gatccatttt cttatatatt cgggtggctg tattaaagtc 586740 tattattatt ttgaacaaat tgagtctata acacatttct agtaagctga gaagagactt 586800 cttaaatagt tgcatgcact aattgttacc acataaagag ttttcaccta aggaaagttt 586860 tttttttttt aatttaaatt aactttttaa ttcccttcag gaaatttttt tctttgcagt 586920 tggacagttt tatgttctaa ctttcaagta gatttgtatc tacttattga cttgatcacg 586980 tctagaggaa ccaacacaca cacacatgta tgtatgtata tatttattta tgtatgtatg 587100 aaatcageet eattgaaata gtacaactge tateteatat etgagaacet ggtaattget 587160

tggtccttga ggctgtgtgc ctcagcagtt agagtaatcc cacaatgaca gtctcacaat 587220 ggggaagetg agaacccagt agttaccaag tetacaagge tgggtaegee aacaatettt 587280 atttcctgcc aaaaacttgg agtgtttctg gagagccact agtccccagt caacaagagc 587340 agcctggaaa caccagctct aactctaatg tcaatgaagg aaccagcagc agcagaggca 587400 ggtgaattaa ttaaagcggc aagatggagg accaagtgag caaaatatcc attttaattt 587460 gggctgctac caggaggcac catcetett eggggtggtt etteteagat caageaggge 587520 agtcagggct gtcctccggt gaggcttttt actcaggtga ttctaatttg tgacaagttg 587580 ccattagggc caaccagcac aaatagcgat tgctttcaga ttgatcctat tgtgatttaa 587640 atatgttccc tgcaaaacct gtgttctcct ggagttggga ggtggggcct gttggaggtg 587700 gggcctgttg ggaggtgttt atgaatgagg gctctgtcat ctccagacag gcttgagact 587760 gtgagttetg teteteacte tegeettttt ettaceette cattataggg taatgeatea 587820 aaacatgeee ttgeeaggte tgggteette ageeactgae ttgtaaaaet ataagaaaaa 587880 aaaatatatt cttcacaaat tactcagttt ctggtatcct gttataatta tacaaaatgg 587940 aattagcctc ataattggta ctcagtagta aggctgagat ataatcaata cctgacagcg 588000 tgggcctggc tgggaactgg tcatgggtag aagctgtaag agcctgggac attgggaggg 588060 ggaaaaatct atcgcagtgt gctgattcct ttaaaaaaata tttattgcag tggtgtgaat 588120 gtacaatact tagatatgct gtatatatag tgtaacatct gtatatttaa tcataaaggc 588180 agataattga aaacattgta aaattaagca cttcaattct tgttaaatat gaaacatttg 588240 tatcttgtaa ataaagacat ccttaaattg gttttggaaa aaaaatattt atttttattt 588300 tacaaatatg ttagageetg catgtatgta agtatgtgta ecatgtgeat gtetggtgee 588360 cacagaggcc agaagacaga gttggatgcc tagaaactgg agttataggc aaacgtgagc 588420 tacccagggt gtgtgcttga attgaacccg ggtcctctgc aagtccagca accgccctta 588480 gttgctcagc tatccctcca gcccactaag ggtcattcta atgtagatgt acagattagc 588540 aatgtggaaa aagcctggga cttcctagag attacaggca cggtcgtgat cagaatattt 588600 gtagaaatat ggaaggtgaa ggcctctgac agggtctcca gtgaaagtga agtgcaaaga 588660 tttggaactg ggaatagagg ccatctatgt cagttcctct tgtgttgctg tgctaaaaatg 588720 ctagaccaaa agcaacttga gaaagaatat tttagcttac agtagagaga aagaagtagt 588780 catggctggg aatgcatgac ctggtagcaa gggtgggaag gtggctggtc acagttcatc 588840 tgcacatgag aagggggagg ggctataaac ctcaaatcat ctccctcatt acataattcc 588900 tecaacaagg etecaeetee taaataaeet eeccaaaeag tgecaeeaae tgagggteaa 588960 gtactcaaat acatgggcct atgtgggaca tttctcattc aaaccaccac acaaagacag 589020 tgtggtgatt tgaatatggt tggcccatag gtaatggtac tgttgggagc tgttggcctta 589080

ttggaggaag tgtgtcactg cggttgtggg ctttgaagct ctttgtggta aagagcttct 589140 tectagetge etgaggatge eagtetteet ggttgtette agateaagat geagaactet 589200 cagateette tegageacea tgtetgeetg catgetgeea tgetteetae tgtgatgate 589260 atggactgaa cctctgaaac tataagccag ccccaactaa atgttttcct ttataagagt 589320 tgtcatggtc acggtgtctc ttcacatcaa taaaccccaa actaagacac ctcgttaaca 589380 gttacaaagg ggttggtaga actgtgccca tgatctagga ctctgtgaaa tacagattcg 589440 gggtttctgg tagaagaatt tctaagctaa atattgaaga agctgtgtga ttacctttta 589500 ctgaaagaat aaaataattt aaatacagag tttgtagtta aaagggaagc ggggagaaat 589560 ttttgggaaa ttctcacctg gccatataaa aaatgaagag gcatttttag aagatggaat 589620 taggagcgtg gccacgggac cacttactgg agattactat atataaaagg caaccaggtt 589680 ctagtcatca agagtaacag gagaatgacc tcaaagacac tcttcaaagt aggttggacc 589740 cttagggtaa agctgccaga gaggttcctt aaggtcccca gcattcattt gccaggccac 589800 tttgggactt tgctgcttgt gttctggttc agtgttcctt ggccatccaa gctatggctc 589860 aggcaggcat agatacagct tggattgaca ttctggaggg tcaatgtggt agaccatggt 589920 aggtagcate taettggtae tagttttata eetatgeata gtteatggge taggageeta 589980 tgatagcett catetaaaat caaaaggeta teaegggeag eeegggagte catgeagaae 590040 ttactacagg gataaaggga gtgtatgttg agagtattta ctatagcgat gtctagaagc 590100 ttatgggaat ggtgtatett etgagaeete agaattatae taacaetaaa eeetteaget 590160 gcaggtacca gacctaactt atgacagcta ctaaatggac taagcccatc ctagcattag 590220 tagaactgcc tgagtgcctg tgccaggatg tggtccatgg acttaaagga ggttattctg 590280 gageetgaag agttaaegtt eteeteette etgggetgta gattacatgg aateagttte 590340 tgcacactta gtttttctta tggaatgaga atgtctgtct gcctgtctgt ctgtctgtct 590400 catctttgca ttttgggagc acatactata tttacattca aaaatctcag ggccggagat 590460 gattgtctct ggatgtatca gacataggtt ctcacccaca gccactttag gtgagagccc 590520 agattttgag ttagtacgga gccaactaag tctttggggg ctgttgagat agaatgaatt 590580 ttctggcctg gttttcatgg gagagggaca tgaagtttta gggtcagata tgccatggtg 590640 tggcttgagt atgtccttct caaaagcctg ttcgaaacct atactctggt cggtcagttt 590700 tgaggggtga ggtggagatt aatgggagat caagagcacc ccaccccac catgaaaggg 590760 agaaactagc aacagtgaat tetgtgtett ttttgacate etetteteee agggaatgae 590820 acagccagag atgtttcacc agagtcaagt gcccagtcat aactatccca gtttcttaag 590880 aaataaatet ttatttttt tataaatata tgagtetggg tettetgeea aagetgeaca 590940 gatccttgga agagggggag cacatgcccc agcataagca atgaacacat acacaaacat 591000

acaaagaaca cacacacaaa catacaatga acacatacac acaaacatac aaagaacaca 591060 cacacaaaca tacaaagaac acatacacaa acatacaaca aacacataca caaacatata 591120 aagaacacat acacaaacat acaaagaaca catacacaaa catacaacga acacatatac 591180 aaacacacaa agaacacata cacaaacata caacgaacac atacacaccc ctgacatttt 591240 ctccagaaca cacttgggct aagatgactc cagtttccct cctattcaaa atggcctggc 591300 aaagtggaac gaaaaccagt taagagatct aggaatttgg ctgacaagag agcttgcttg 591360 taateetage eettgggagg tggaggeaga aggatgagae aettgaagee atetttgeee 591420 tectacattg tgattttgag gecaecttgg tetacatgag accetgtgga ggatggagae 591480 agaaactgga gaaggagaac ctgcccatcg agtggtcaag tggctcatca atcgccaagt 591540 ggaatgatat tttcatgtca ttccgggaat ggcttgagaa tttatccatt tggccatttc 591600 cttgatgggt ccacaagaat aagaacgatt tgtttcaaca gaaatcatcc caaaccccct 591660 ggttttgttt actaagatgt ggaagcgctg agctctgctc cccctccttg agaaatgcga 591720 atgtgtgggt aatgtgctgt cgagatttta caatctgcaa tatttgagaa gtaataagat 591780 actgttgttg gttgaccatc tggttataca tacttggtgt tgtggtttgc ttttttattc 591840 tttcattttt attgttttaa actggtgaag ggcaaagaat gagagttaga aaaaaattca 591900 gatttggctt tcttatacaa acaaagaatt catatttaga tgtgcaaccc agttagttgt 591960 tgtttctagg gggagagtaa atgaacagtc cagtatatat gttctttcat tttccttttc 592020 aaaaataaat aaataagtaa actaacctta actcctaatt tgatcttcag ctccaaactt 592080 ttggcttatg tgaaaatcag tctcgttgcc tgaaagagga gtcaagcata aatcaaagct 592140 ctagaaagaa aattcaccag cagaacggtc ctatagagat ttcatatttc atccattcac 592200 tcaaaaatat ttatcgaaac cctagtattt gcatctcgtg ctggcagacg ctgagggatt 592260 tgctaaagaa acatcaagat gttctccctc ccttccaggg gcttagtgct ttctcgggga 592320 gaaatggcat ggccatgtga aacagttaag ttgtaattca agacagcata tgattaaata 592380 ccaaaatgtg tggttccgac aagaaatgct atagttcaga gaagggagtg ataactttgt 592440 agcatgactg gtttttctgc ctacaaattg gcaaattgta gcactatttg tatgaaatat 592500 tttacacttg cttttttggc agccttaggc cttgactccc agtcagcatt aagagcctgc 592560 aaaaatattt gtactccagt cactgtagaa ttggcttaat ttttctcccc ttctttctcc 592620 tatgcagagg aagtgccttg gtacaagcca gagggcccag gagagacagg gagttttgag 592680 tcatgaactt tttcagatac aaataaggca ccagccttgt cattctctgt actccagagc 592740 tgccatgctg gcaaactccc tctgacattg agagaggtct aatttgaact taatgtctgt 592800 gacggacgag tgagccatta tgggtcagat agatttatgg ccttggagaa tcactaatga 592860 aaatcccttt ggttatgaag ttggagaagg gctaacccag atgtaggaag ggttgagaca 592920

catatgtgct cctggggagc ccagttccct ggtgggtgac aagctaaggg gacttgggaa 592980 tggcggctag aaaaacttac caacttccca ttctatattt gtcatatcca aatgagcaca 593040 aaactcaaag aaaagccata agactaaatt gttaagaata agagagagat gataggtagg 593100 gcttccaggg gagggagggg gacaccaacc ctacccataa aaccttcgac cctgattaca 593160 agatatctgg ggataaagat agagcagaga ctggggggat ggccaaccag tggctggccc 593220 aacttgactc atcccatggg caaaaaccaa ttcctaacac tagaaatgat gttctgctaa 593280 gettgeagae agaageetag cataactage etetgagagg etteaceeaa caegtgatgg 593340 aaacagataa agagacccat agccaaactt taggcaaaga ttggggagtc ttgaggaaga 593400 ggaagagaga ggttgggttg agggagctgg aggggtcaag cacaccacaa gaatacatac 593460 agaataaatt aacctgggcc cacgggagct ccccaggact aagccaccaa ccaaagagca 593520 tgcaggggct atacctacga cccctataca tatgtagcag atgtacagct tggtcttcat 593580 gtgggtccca taacactcgg aacaaggact gactgtctct gaccctgttc cctgcctttg 593640 gctcccttca cctttcaggg ctgtcttgtc tggcctcagt gggagaggat gcacctagtc 593700 ctattgcaat ttgatgtgcc aggttgggct gatagccatg gaggctgaag ggaaggggga 593760 gttgggggag gggtgggagg gtgggactgg gagaagagga gggctgtgat caggatgtaa 593820 agtaaaataa ataatgaaaa aaacagagga agaagaaata aaatcttttg aagtcaatgt 593880 atogtttggg coetttcata actgtgctge coetcagtga ttgctgtcac catttaaatg 593940 tgttggaatc tcatgaacta ggagttctta gttttctttt aaaactccac agttgtttgc 594000 tcaggetcae etteatttta atetttgeet ggaaggggtg tggtttetca agetaeteea 594060 tgttactcgt tggactgtct gcatggtgct gtgtcacttg gcgatagggt tgcacttggt 594120 gttcactccc ctcattgggt tggtggccca tctgggaagt taaaagtgac ccggagtgac 594180 ccgcgcatca aggaagccag tgattgcagt gtgagagcat ctattcatca aaggacctgg 594240 ccctggccac agcttaagat ttatttgggg catctcctga gctggctgac ctgggagagt 594300 ggccttgcaa aatattttgc tcgtatcttt tgatataatt tggtatctgt ctaaataaat 594360 gttctggagc agatggttac agaatgtctt atcatattct tgggcagact ctgcccttga 594420 aatattttca tttaatcatc atgttgcaaa gctcaaaaca gtagctttat tatttctttt 594480 gagcacaaaa tgaatctcac tcaataggtt ggtattctgg ttaatgtatt gcaagcctaa 594540 aatatattca aaatataaac cttttctggg ctggtcttaa gcggaatttc tccacaggca 594600 ctctttattt tagaattcat ggaagagtat ccttccattt gaagtatttg atgatgtcat 594660 cttgggtgat agcctagaag ctgaagttca acatgttgtc aacatttgtc ctctgtccct 594720 aaacctgatg aaacacacac acacacacac acacacaca acacacaca acctctgcta 594780 tttctttgtt gcttttcatg agtttaatat caaatccctt ttctcattca aaatcaatag 594840

cctaccatac aaagtgcttt gtactactga tcatgagaaa gctgtaatta atgtgtgtgt 594900 ggattgcaca catgctggga gctttgaaaa ctggctggat atttcatcag gacctaaaaa 595020 atgcccgaaa attcagatac ttcgaagcct ccgagagaga gtaagaggaa ataattttat 595080 ttgtctttat gatattgtct ttatgatatg gtacagctgc cttctgggta taaagaaaat 595140 cttttcacaa tgaaataggc ttcatgacag gactccattc attctgttgg tgaatggtaa 595200 gggcctgcca gatgttgtct atctgcaaag tgccaaggat gcagtaatag ccaggtcatt 595260 cgtggtacag cccacccca tagaggctgc catcttgcta agtaaagatg acctttaggg 595320 gttgaaatca aagagaagat gcattttttt tatgcagaag atatccagct tgattttaaa 595380 aatagaggaa caataagctc agacttatag ttgagtagat ccctgcaatg tggatctcag 595440 tgggatttta ttttgatcag ccagtcttaa taccgctgtc ttcagtcttt gaacaactgc 595500 cggtgcagga gtcaagcagg agcatgcacc aaagggtgat tgggtccctt ggaaagctcc 595560 tgacatggcg tgaaagaggg acacagagag cgcattggag cagagccttc cctgatgccc 595620 acacccaccc tgccttgagg ggaatagaat tccttacatg atgctgtaag gagacatttc 595680 ctccctaatc atggctcttg tgttatgagt aattgcacag agtccccgtc agcagccagt 595740 tgacctgtcg actgcactca ctgtgttctg tgtgaatgcc acattaacaa ggaaatgggc 595800 cactttctct tctcgctttg ccatttcaaa tagcaagaac cacgccactt aagatgattt 595860 aacatttaat aaaggaaagc cagggcattt aatgagtgat aaataataaa agaaccaagc 595920 tttcaagtca tgaccgatca gaactcatgg attgaaagtt acttgctatt gttgcttcct 595980 gtcactctct gaagcaaggg cgagctccaa atctccaaac tcctgccagc tccgtgccag 596040 gggtcagaat cagagtaagt gaagttcagc catccataca caggtgtagt caagttcttt 596100 tcttactgat ctgaagaaac agccggcttt gatgctaagt gctaggcaaa aagcattaag 596160 atgttttgat atcctcagga ctctgataca tggttaagat tatgcaagga gtttttctct 596220 tagettgett aagtgeeget tatacagtta gettaeetat etaggggtgg tatageeaaa 596340 tcaccattta catgtcatct ggaacattta aaaaaacctg tttccactca ctcaggagta 596400 gtagatcacc cctgtaatcc cagtgttcaa gaggcaaggg caggaggatc cctgtgagtc 596460 tgagggacca gcctggtctc cataataagt ttcaggccag ctaggactcc atagtgagac 596520 cctgcatcaa acaacacaga gccaaaaacc ttgcccacaa ccactcgttc ccccaccctg 596580 tgtccccact gtggcttacc gatgggcctg gccgtcttcc catgcagcca ttacatcact 596640 gtccacaaat cagagataag ttctttttt ttttttaaat tcacatgcta ctatttcacg 596700 tgtgcttgtg catgccatag catgactatg gtcagaggaa gggtggagtg ggttctcttc 596760

ttccaccgtg tgggtcctgg ggctctgact caggttatca ggcttgtcta taggtatctt 596820 tacctgctga gccacctcac tggctcaatg atttgctaat ttcccttcag gtcttcttta 596880 aaactatctc tgcacttatc ttcctcccaa ccaagggatt gaatcttatg catgccagag 596940 gcaagcactc tcccacttag ctgtactcat tagctctaga ttgttccttt taatactact 597000 gatgcggttc gacccctctt tctctcttca gctctccctg ctctctttt cttctccctt 597060 cctgctttac tgccgtatta ccagacctgg ctccttctga tcatgctgtt tccacgtatt 597120 tottactocc tggccatctg tgacgtacat gaaagcotca ggtcaccgtt tcaatagtgc 597180 ccgaccctta cctaaagaga tggcagtctg tggttgttcc caatacaatc tattaggtaa 597240 ggtcaaagag tatttgctag ctgtccatca tatgcctgcc aacatcctag cacctttgca 597300 ggtatggaat aaaaaataca ttacagaacc ttggctcata agaagcatta tttcattacc 597360 caaaagcagc cagagaatag gatgtcttca tcttcactga gggattcata attaaaagaa 597420 ttaattagag aagcacctgt tagtctggga tggatttctc taaggttttt gttgagcaga 597480 aagaagaaga agaaggggat gtagtctcct attgaaccga aatttcttgt tggtgctcat 597540 ctgtctccgt gtgattatgt gagcattgtc ttagtcaggg ttctctaaag gaacataatt 597600 tatatatata tacatatata tatatatt taaaaaaggga tttactaaaa tggtttatag 597720 actgtagtct gagaagtcaa aaaatcgatg tctcccaacc acaaggccaa ggatctagta 597780 gttgctcagt acatgagact gcatatcttt atagtcccaa tctgatactg gaatcccagg 597840 tacattctag aaagcgtcta ggaagaaggc tctgatagcg gcaaagaaat gcttcagtaa 597900 caggatagat gaacttgcta gcaagagtga gactaaactg gcaaaaagca aaagcttcct 597960 tcttcgaggt ccttttacgt gggctgccgc caaatgtggc ctagatttac agtgaatctt 598020 cagateteaa ateeaageaa gaaaatgete acagetgtge ceagttgett gggttatagt 598080 tgattctgga tgcagacagc ttgacaacca agatcagcca tcacaagcat ggagatttgt 598140 atggaggcat tggttccaag cgcggcttat gagcatggcc ttcccagttg aatggctagc 598200 taacggagaa gggaggccag taaaaccgga acccgagtca cggtgcagac atggtcccat 598260 ggcattacac atgcagttaa gaacactgtg ctcaacacat acagagagtg ttagtgttca 598320 gtgaaaatca ttaaccaata agaatatgat ggattaggaa cagaaaactt ttttttcttc 598380 ccacaaaaca acctggtttc taaaggagag gtggcaaaga gactcttcca caaatcagaa 598440 cggaaaaaaa ttctaccagc actgcttgtg tcaacagtgt ctcttggcca gtcgtacaag 598500 aagcaagtag ttgggggctg gagagatggc tcagtggtta agagcactgg ctgttcttcc 598560 agaggtcctg agttcaaatc ccagcaccca cccacgtggt ggctcacaac catctgtact 598620 gggatccgat gccctcttct ggtgtgtctg aagacagcta cagtgtactc atagacataa 598680 aaaaaattac acaaagcaag tcatataaat aattgaaatg aaatacagaa aaatgtcact 598740 gettgetaac cetacactga tgeatatatt etaaatatat teatttgaaa aaccattgte 598800 agattccaag atgtaagttg cttgagagag cacacgctcc ctagcatcgc caaaatttaa 598860 attctcagca ttcatacagt gtgtcaggta aacaactatc aacttccagt ctttggaaaa 598980 aataattcat ttataaaagc aatggaagta ttcaggaaca aacttcagaa acaacatgta 599040 tttcctgtat ttaaaagtta cttttaagct gagcaatggt ggcacattcc tttaatccca 599100 gcacttggga aacagaggca ggcagatctc ttgagttcaa ggccagcctg gcctacagcc 599160 tggtctacag agtgagttcc aggacagcca aagcttcaca gagaccttgt cttgaaaaaac 599220 aaaaaccaag caaacaaaaa acccaattac ttttactaaa agacactttt tggagacagc 599280 taccaaaaac agaatgtttt ttggcttgcc acagtttgtc tcagccattc ccccccccc 599340 cccccataa taagaaggta gcagaacaga gagtggtctg ttgagcctat ttatagtttg 599400 tcattgtata accttctcaa ttagaaacat aagtgtaaat agatatgtag aagatatctc 599460 tttggaaagt aggaaaaaca tctatgtata tccataaaca tcccatgttt cttaggagaa 599520 tttacttcca tgacttattt ttctagattt tgaaatgagt aggaatttac tttatattaa 599580 tactgtattt atttggaata atatgagctg atttgaatat ctagtgtgtg tgtatatata 599640 tacatataca tatacatata catatacata tacatataca tatacatata catatacata 599700 tacatataca tatacatata cgtatgtata tatatgcatg accactgtta ataattataa 599760 acaaatgcat tattacacaa atacattgtc tgtttgtaca gtatgtatat aatggtcaat 599820 ggatgacaac agtagttett aatttgttet gaetttaaaa tagtaagatg attgatagaa 599880 tacaactcaa agatgaatac aagaatttta aagatcagat gttataaaat aaggagaact 599940 agaattttat aaaaagcaat gacttacaaa ctatggaaac attcacttca taattcatgt 600000 taaatttaaa agtacataat tcagggttga tgaaagggct ccactgttaa gaacactgcc 600060 gctcttccaa agctcgactc ctacgctgag tggctcacaa ccacctgtaa ctccagatct 600120 gacggtcact tcctgcttcc ataggcaact acacacaca acacacaca acacccacac 600180 acacacaca acacacag cataccetca cacactetet ettaaataca tacaagaaaa 600240 taaaacaata aaatatttaa aaatatataa agtgaatcta ggataattga gtaacttaca 600300 taaagagtca cagaaaatgg aatcatatgt cacatagttt gaaggtatga taattttctt 600360 tagctctgaa gtatgtagtg acaaaaaaaa tatttataca atcagtgtac tttaaaaaaca 600420 gttttgggct agagtagtct aggcagtaga gggattgcct agcttatggc tttaaccctc 600480 aacactggca aaagtaacta tagaagaggg aaaatgaatt aataaggcat atatgtctgc 600540 aaggtatttg ccatagctaa aatctctcaa gacaagaaaa ctagggaaaa agaaaaagag 600600

aaagattaat acacgaaaaa gcaagtagtc aaaggcaaac gtcctcaaag agcaggtttg 600660 ggaaagtagc tataaatatg gaaataggtt caaccttgct agttatggaa taaatacaaa 600720 ttaaagagat aataagttat gccaacaccc agtgttgctg atgccaatta gcacaaccct 600780 tttggaaagc aatttggcag tatgtctcaa aagtaataaa tatattcagt tgtttaaatc 600840 gctaattcca ggcatagaat ccaagggagc aacttgaaag aagaaagccc tacgcataag 600900 cctctatggc ggcggcgttt atagcattag aaacctgttt ggcaataaag agaaaagtta 600960 agtaaaataa gatccttgca tgtccacatg atggaatgtt ctacagcagt gagttctttg 601020 geoetgtgtt taetgeagte taattgattt tecaaecate eetgeateee atetgaeece 601080 agagteetae cettteetet ttgtteaget gtgeteaaca aagageeatg aatetggtaa 601140 gggttctcat attgggctgg ggaagctctc ttagttactt ttctgttgct gcaatcaaac 601200 accaggacca aggcagctta gagagaggag agttagcctg ggcttgtggt tccagaggga 601260 cgtgagtgag tccatggtgg tggggtggag gcaagggggc aaatggcaag aggggatggg 601320 aggcaggaag ctcaccttga actgtaagca tgatggagag agagaaaaaa atagtgccaa 601380 acactcagta gtgaacttcc gccaacaaag ttgtaccact gagtgccacc aactgggacc 601500 aagtgttcaa aaatctcagt gccttcaaat cactatggaa gccagagctt cagcttttaa 601560 ctgtattcgt caggatctca gactatctcc ctccctctcc ctctccctct ccctctccct 601620 ctgtgctttt catgcagatg gttaatcttt accattaccc gcaaggtgtt ttttacatct 601740 agtectagae etttatetae atattgeate ttgeetetgt tgtegetgaa ttttattget 601800 ttcgatttat attgtagttg tgggcgtgtt atacttttgt acgttactca aaatttattt 601860 tttgtttttt ccatttacta atacttttat ttctgacctc tctatttttt cttctatttt 601920 tcatatttta ttcttacctt ctttgttttt catgattttg tttctctatc tctcattttt 601980 cctaattttt ttatgttgtc ttgtattctt tacatttatc tttctttatc ttactgcttc 602040 taattettaa etetetetta tataetette tatetetega eaeteteete ttattatttt 602100 tattetttte tettttttt atatttatee etttetettt geattettta tgaettattg 602160 tactaattcc tctcgcttat tttgtattgt ctctattttg aactctctat atattttcac 602220 tataacatet thteetattg etecttatgt ttteetetet eeataetete taatetatat 602280 acatettaac gattattatt acatgeegtt caegtgattg tegeteatte tetegtttga 602340 tcacgctctt ctttgtaaca ctttatatac ctctgctact ctcctctcat tatcttctcc 602400 tectaettet cattttatta etttetecae tettetatgt tetaeteata tattteetaa 602460 ttcctnnnnn nnnnnnnnn nnnnncgggg cgaagagaat aataagtata aaagttaaag 602520

aagatagact tagtcgaaaa aaaggagcga gaaacaataa ggaaaaaagga taagagagag 602580 gatatagagt gagagaagcg actaaagcta aagatagaga gaaggataca tgaaacaaat 602640 agaatttgga agaaaaagag agaaagaaga tagacagaaa aaataaaagt aggaatatgg 602700 taaaaaagca tagtacaagc agaaattgac atataaaaca tgaaaaagag agatatagaa 602760 gagataaaaa gagtggtagt taagagaggg ttgaaggaac ggcctctccc tctccctctc 602820 agcccctccc actgtacctg aaagagtatg ctggcttcta tttcctacct ggctgctcct 602940 tcaccatcgt tcccttgatc ctgctcttgc caaggtcact gttgacctct accctaaagt 603000 ccttgtccta ctgggatgat tggcagtgtt cctttataat taattaatta attaattaac 603060 taattaatat ttgcttactt atataggtat atgcttgtat gtggctatgc atacctatat 603120 agggcagcag gtttcctctt ctgtctctct tcacttactc ctttgagacg ggtctttccc 603180 taaacttggg gctcacattt tttttacctt agtctggaag gtagcaagct ctaatggtcc 603240 ttgtgggtcc acttggctta gagctgaggt tctaggcatt tgcagggata accagccttt 603300 tgtgtgtgtc ctggggtcca aactccggtc cttatgatta tggagtgatc actcgaccac 603360 tgagcacete gaagteetga eeaggageat teatgaaace eeetetteeg ttgeetgtge 603420 ataacacacc ctgtcttagt tactcttcta ttgttgtgac agaaaaacat ggctgaggca 603480 tettgtaaat aaggeattta gttgggetta eeattacagg gatgtaggtt taeteegtga 603540 ggatggtaaa ggcatgacag ttcagacagc ttagagtttg tatgttgatc cgcaagtaga 603600 cagaatgaga cacteggaat gecaaaagte ttttgaatee teaaageeea eececagtga 603660 tacacctect ctaataagge catacettet aatecetect aaaaagttte ateaattggg 603720 gaccaagtat tcaaatatat gagcctgtgg gtgccattct cactcaaacc aacacttaac 603780 ctctccactt ctccttatgt cacatcacat cttgttgact ctaggaaaaa aatatgtgtg 603840 atatatagta tatcatatat gtaataaatt atatacacac atatatacac acacacatat 603960 acataaacac acacatatat gtgtatatat attccagttt ggactcattc tttttactct 604020 ttgtccatac aatcttatcc acttatccac ttccatggct ttatatatct tccgtacatt 604080 cagatttctt ttgtgtctag ccagtatcga ttgatcctct gaccttcagg cctatcttga 604140 tatateettt tgatgacata caagtatett gaacttgaga gateeeteae teeettagea 604200 agteceacet cageatatae ttaceactte tgatgettte atceateagt etteteacea 604260 gaateeteae atteacatee eteeegeeaa teetgtteat eeaaceteea gatggttete 604320 ctaattggtc tgattctttc tatttcactc tgccactata gcccaggctt ctgtcatctc 604380 ttgatgatgt cttgatgcca tgtgaccctc taggttgact ctactgggat gtctgtctgt 604440

tettetgtaa aeteteaaag gataaggaet gtagttgttt agetagetgg ttaettggtg 604500 ccttgagcag catttggcca tgttaggagc ttgttattta tttatagaat aaataagcag 604560 aatggtttca gttatgtaaa aattatgtgt gagaactgga aggaagtggg gaataattaa 604620 acagctgacg aaaatgggat ttagaaaaac cactgatgaa ggaattcaga gtaagagaca 604680 cacatataag aaatatgtag ttatgcacca gcgtgtgtga tggagagagt atcatgggat 604740 aaagaattca atatgaccga gagtgcaggc ccctgagaag ataaactagc aaggacagtt 604800 tggagttcat teceataete etgtgaaett gtggtggtae atgeetgtta acceagetee 604860 tcagaaggct gaggcagggg gatcacaaat agaagccagc tgggatgcgt atgtagaccg 604920 gttgtaaagt gcttgcctag cgtgtaccag gccttgggtc cagtccacag tgtcacagat 604980 aggtaaaaaa tgtctcatat agatgcttag acttcaggcc aggtgaactt ggtctgaagg 605040 aacctgcttc ccacagcttt attctatgga ctgaaaacac attttttaaa aaaatattct 605100 aagattgggg tatagattca gcaagctgtt aggggtccag gagagacagc agggaaggca 605160 taggtggcca tataggaggt ctgagcagag atcaggagga tgagaatgga gaccccccag 605220 gtggtccagg ccgctggtct ccatcacagg tgaaagggct acctggtccg ccactcagct 605280 teccaecett aacceatetg eegeetgaag teagttgate tgetageatt taaccettta 605340 acttcccttc tcaatgagag agctgccttg attctttaga tatttcttgt ggagaaatgt 605400 getttaggag tttgggaett caagtettge tttttggtee teetacatat geaetgtatg 605460 cctctgcgca tgcacagaca ctcagaaaac cctcttcctg taaatctcct cggggatttg 605520 accacatggt aaaccatagc taattttaaa agcagattga gctattatct ggtagcattc 605580 ataggaagga ataaagaggt ggcaagggta ccttaacacc caaaagatca aggaacagcc 605640 tettaaataa accatggatt agagteatge aaatgaaaat acaateetgt gtttgcatgg 605700 gaatgettaa taatgtagag acatatggtt caccaaaatg acagaataet tttgetgttt 605760 cagtaagata catcatcccc tcaacctctc ttggataatt gtgattctca aaaagatgaa 605820 ccatgtctag gaatccctat gaaaataaag ataaatcagg aggcatttgc cttattagat 605880 atttaaagta gtaaaaacgt agtgaccatg ggatagaagt agattccaaa tatattacac 605940 gtattatatg gtaatacatt gcaaacagga cactgtggtg gtttgaatgg gaatggcct 606000 catacactcc tgtgtttgaa cacttggcca tagggagtgt ggccttgtta gaggaagtgt 606060 gtcactgtgg agacaggctt caaggtagta tgtatgctca agctatgccc agtggggcag 606120 acagteteet getgetgeet gtgeateaag aagtagaact eteageteet teteeageae 606180 catgicigc tgcatgcigg catgcitcii gctatgacag taatggacta aaccictgaa 606240 cctgtaagtc agcccccagt taaatgtttt tctttataag aattaccatg gtcatggtgt 606300 ctctttacaa accaagacca aacaaaacaa aacaaaaacc taagacagat atcttgaggg 606360

atggggagat ggeteagaag ttaagagtge tegttgetet teeaggggat eetggtttgg 606420 ttcccagaac acacttggca gctcataacc atttgtagct ccggttaggg ttagggttag 606480 ggttagggtt agggttaggg ttagggttag ggttagggtt agggttaggg ttagggtcta 606540 accetgatae aggeaeatat agataeatat acatatatge aagaaataea tttataeaaa 606600 taaaatacac aaatctaaaa tgttttctga agtaaaagtg atatcttgct tcagtgggga 606660 aaggaaaggg tttttttgtt gtttaggaaa tggtgatgat atagctaatt agccatctgg 606720 ataaaaataa aattggactt ttatcccaca ctatagatac acaaataaat tccagatggg 606780 ttaaaaatgt taagtttaaa aaacaaaaca gtaaggagga tggaactatt taattcttgt 606840 ctgtaagcta gagtttagga cgcatttaat agtcaaaaca agaacactga tatctgctta 606900 cataaagaga tgctgtatca ggctaagaga ttagacaaac aaaagtcaaa acgaacggta 606960 gattatgaga aagtgtgtca gaaatatgac agataaggat taatatctac gtggtgcaga 607020 gagetettea aaattgataa gaaaaataca cageagaaat gtggteaaaa aettggaata 607080 tgcgtttcac agaagaacaa atcaaacacc cagtaaaacc catctgtgtt ttaataccag 607140 ctccctagag aaactctcct tcccatggca ggttgtctta cttagggttt ctatttcctg 607200 tgaagagaca ccatgaccat gacaactctt gtaaggaaaa cagttcattg gggctggctt 607260 acagtttcag aggtttagtc cgttatcctt atggcaacga gcaggaagag acagtgaacc 607320 acgtttggcc tggcttgagc ttctaagact tcaaagccaa cctcctagta aatcacctcc 607380 tetgaeaagg ceacacetee tetgaeaagg ceacacetee taategtgee acaceetetg 607440 agcctatggg gccattttca ttcaaagtag cacacaggtc tacaggtgat ttcccataag 607500 gctttaggag ggataccgac ggtacaaacc aaccgtgtga tatgtgtctt cctccctaca 607560 cagaccacag tgaccattgt gggaagcatc tccgcaagac actcggagtg cgtggtgaag 607620 tgcaatatcc ccagcagacc cagctatagt atgtggattc ctctgggcaa tcattataca 607740 gtcaagaaca agagcctctc ctgagttcag ttactggggg ttggggtagt tcccttcctg 607800 tetetttace tetggttete acceaagtet teactacata etacececat etectgagte 607860 tactccagcc cctcactttc tgatgtgact ggggagagat agggaaggag acattggcta 607920 agagagetta gtaataetaa tgtaatatta etaggtaeet ataaceataa aggeaeettt 607980 atgtcttagg attttattgc tttgaagaga caccatgacc atgacaactc ttagaagaaa 608040 aacacttagt tggggctggg ttaagtttca gaggttcagt ccgttgttgt catggcagga 608100 agcatggcag catgcaggca gacatgatgc tggagaagct gagagttcta catctggatc 608160 cacaggcagc aggaagagac agtgagccac tctaggccag gctagagttt atgagacttc 608220 ccagcccaaa ccagggagac actttctcca acaaagccac acctactcca acaaggctac 608280

agctctcaat agtagtgcca tccctatgag cctatgggat cattttcatt caaactacaa 608340 cacctggggt ggatctcttt ttgggtgata tcagtcctgc aagaaggagg ggagataagc 608400 cagagaaaag agagaaagga atgcaaccag agaccagctt gtgtactaga cagaagaaga 608460 gaaaggggct taaactgggg aactaaaaaa aggctctcta tgagtggagc aagcgggata 608520 ggggcaggga ggaccagaca gcaggggagc taggggacaa tagaagacca tgtgaaacgt 608580 gggctccatc ctgggacgtc tcagctacaa gtagcacagt cagattcatt agcaggaaga 608640 gacaattgtg gatgatctat ccctggagaa gataagcccc atggggcagg aaccttgaaa 608700 agtttgttgc tgtgcatagc attgtatcta gcccagtatg tcagtggatt tttagggagt 608760 agatggacag gtgaatggta atgaatggag aggaaagtaa agaactgaaa ttcttggttc 608820 ctaaagagtg gctaatagaa aagccatcga ggtggtccag acaagagaga ctaagagaag 608880 gtactcgagg cgaatggatg caaagtggac atctagggat gtccaggagg ctcaaaagag 608940 gattcatgag tctgctaaga tggaaaagac ttgggagagt taaggtgatg gtgggcgcct 609000 cctagaatgt tatcacactg gagctgtttg agttgcttgt gagcagcaaa gttactattg 609060 gataatgtat agcatggtaa aatttattgc ttatagttcc agaggcaggg gatcctagat 609120 gagggcatca gacaattcag tgtatggtga aggctttctc tctctctc tctctctc 609180 tctctgtctc tctctctc tctctctct tctctctct tctctctgct tcagagatga 609360 tgcccaatcc tcccttataa ggacaccaat cccatccatg aggtgttaaa tcatgagtcc 609420 tcatgattta actacttcct gaaggctcca cctcatgata ttatcaaatc gagtgttgag 609480 ttcccaaata aaaatgttga tataccaaac agcaagccta gagtgctcag ttgagccttc 609540 ttccctcaag agggaactgg atacacaaag ccagagtcac aagctaaaaa tgtcccttga 609600 aatcactgga tctagatact ttaaaactgc atcagttttc tactttgtca ccactgtact 609660 gtctttcaaa tgcacttctg gtgaaattgg gtcattaaag atgcagatct tgctcacgta 609720 taaaatatca ctctaagtat ccaagacaga cttagaaagc ttggctgaat gcaacaagct 609780 caggitateta tiettigige teageigtet aaageaatgg atgaaaetta gittigigggi 609840 tetetatetg tetetetetg cetetetgte tetgtetete tgtetetgte tetetetgta 609900 tatgtagcaa atcctcctgc tttagcctcc tcagtgttag aacatatata tgtgtacaca 609960 cacacacaca cacacacatt totagacatg atocatcatg totacattcc tggcctattt 610020 gggctggtct tacctctcct gtcaagtctt gttttccata tactttgaaa cagtggagaa 610080 aggicacete teccatacae ettectagie tetetgecae acettiggit ticcagaage 610140 acctctgtct tgtacctaaa ttctacatgg agttcaacct ccgcacaaca tggtatcccc 610200

ttgacttctg tttcttcttc accttggcta ttttacctcc tctagaactg taagtgcttc 610260 cagaggagag gctgtgaata ttcatttccc tgggaaattt ccaacatgtt gtgcacggtt 610320 ggtgctcagt aaaacctgac ttcttgggca ccctccctgg gcccttgtca gttctatggg 610380 aatgcatttt cgctgggagt ccctcagtac taaatggcca tgtgtgcgtt ccactaacat 610440 gcgtcaagtg tctgtgcaga tgctcctgcc gagaggtcgt gtcagccctc cagacctcct 610500 tgtctttaaa acaaaagatt atcatttcac ataagcccac tttgcgtgag cagaatgctg 610560 ggtggaattc cagccacaca gagaatcaaa ggagttcctt gtgctggaag agaggcatct 610620 ccacgcaagg atccttagag tttgtgaaca gcgcactaat acaatgccag gaaggaacat 610680 agggacgatg tetacaaagt caggecaact teteacaatg teaagactee catttaacaa 610740 gcctcatgaa ttcctacaag taagaagata ttatttcctc tgtattagtg ctggtccttg 610800 cttagacata ataggaccac agtgatgttg ctgtggacca cggtacccaa aggatggtct 610860 gtgtgctcat tatgttggga ggggcgttac aatattcagg ttctgagacc agcctcaggt 610920 ctgcagagtc atggtggctt agaatacagc tctggtgttg atatttccct aaagcctttc 610980 tgattctgac caacagctgg gtttgatttc ctgctgcctc agatccagca ttggggttta 611040 aggaggtacc gaaagcagca tttctctact gctgacttag cataggtttt acccctcccc 611100 ccattttatt ctattggagt tttccaacca acagataagg ttttcagaag caaaccagaa 611160 caccttcact tgacagtagg tgactccaag gagatcattg ggcctcaccc cagggtacgg 611220 cgttcagggt ttcttaggta aatatttact gagtgtggat ggctctgaag gtgcagggtt 611280 tetttteegg tgetggeatt catatteeag geaettettg eteggtgaet tgttttatte 611340 tcatgccttg gccaattaca agctgaggta gtgatcccag cgagagcatg ggatgtaaat 611400 gggctgtaaa atggcttttc ctggtgatta tctgtgggag ccttggagct agcatcaggc 611460 tcagtctgtt tggaggctta tgctgtgcac tgcggctgcc tgacatgaat ggcccatggg 611520 gaaggagcca cacactgatt gaaatgttgg tgaacagctg gcacacccgt gccctctgtg 611580 tagaaaaggc aagaatattt ctttcttcct tttgcatctc cagctatgct tgactatggc 611640 ggggacceae gatgaatgee tttteeette cetttettt cetecagatg tettagttgt 611700 caatgcgacc ttctcctttc cgtcttggaa cttatcagaa agattcaact tcaccaactg 611760 tgcgtcatta aaagagtaag attggctttg acttttaaat gttctcattg cttttaaatt 611820 tatttgtttt gctcctcgat ttcctaaaga actcctttgc gaactagaac tttccaaagt 611880 gccttttgga gcatggccta acgggagcta ggagagccac ggcggtaata aaccgtgctc 611940 actcgttcaa gccctaacaa gaaaactgga gcagcctcag agagcatgcg ccaaggtgtc 612000 cctatcaaca gggaaaggta ttttccccag acctggagga tccctgaaga aaggatcagt 612060 aaggaatacc actaactccc ataatgcaaa tggctctggg agtttggaca gagcagtaag 612120

acttgcgaat gaggacaagt tgaagtctcc ttcaccaaaa aggcatatcc attttgcttt 612180 ctctctgtgg tgctagggaa ctggacttgt gggccttgag catgctaagc aagtctacca 612240 cttagtgacc ccagccctgt gtcttccatt tatttactat tggccccaat tcagctatgg 612300 accetttgaa tttggactac ageteeetet tggeteetaa ageagagaaa aggeagagga 612360 aatagtetet teagaggeee ateetetgea getgggaeag aggaeaetgg tgggetgtat 612420 taccagaggt gtgttatcca ttctgggatg tgattggaca tcagcatagg agaacagctt 612480 ccagcctggc ccggaagtca ctataggaaa aagtgaagtc agatggtgtt aagttacctt 612540 ttccaaagag gtgcattgca aggccacaga gagtcattgc tgtctaagaa gcagagcgaa 612600 gttagggaag aaaaatagaa ctccaaccca ggtaaaagga agagagaatg aagtagaaat 612660 taggggtgca aggacagttt aaagatgtct tgctgtagat cccctgctct agagcccagg 612720 tagaaggaaa tgacataccc cagggtccca atgctaggta tataccagac ctcagagcca 612780 gatccaccag cctagagagc tccttttcag ggaactcctt ggggaacagg cttcctccct 612840 gatatgtagt ctgttttctg ccctcaggga acttctttct gtctgttagg atctccggag 612900 catatatgaa ctccaggcca agtgtactcc ctctgtccgg tttcctcatc acctcctgct 612960 aagttttett gaggeateee ttggaeaget etecagaeea geeeegatet ttettetatt 613020 aataatgtct ctccctgatc tccaatcatt ccttatgcat ggagggcatt ctcaggctct 613080 ccacagtcac ccacgcacaa atgcctcctt tgattctcag gtccaactct tcctttggtt 613140 gtaaagcaaa cagtggtgcc ccatcctctc tgcctgccag gaaatgcttt gtgtctcaca 613200 ccgtgttgtg ggcagcacag ctgctccaga cagcgcgggc tctgctgatc cgttgagtgg 613260 cagccgggag agaaagatct cactttatgg aggcttacct gagggtaggc aaatagcaac 613320 caggiticaga atcggatica gigggiticci gitaticaaca gaccagcggg igaccccagc 613380 ttcaggtctc catggcaaca cctctgtaag tgtgatgaca atccatcaac tcacagggct 613440 teccagagaa acacataaag eettgetege ttetecaace teaaaggaaa teetteetee 613500 ctttgtcccc ctagctagtc aaagacttta ttattaatag tagtatcatt cctgtatgtt 613560 ctcaacctgt agcgccaccg agggaagttt ctagaatatg aataattccc tcaaagtaca 613620 gaaattaagt tgtttatttt ccgtgtcacc agatgcccgg cgtgtatcag aagcggctgt 613680 gcttggtgta aacgggacaa gaaatgcatc caccccttca ccccctgcga accatcagac 613740 tatgagagga atcaggtaaa gtgacatttc gaaatatgac agagatctat cggaagcaag 613800 tgcctgcgtg cgcacagccc cacccctttc tgtgtgtcac actcccatgc tgaggggatg 613860 ttctccaatg caggagetet gtcaagttge tgtggagaag tegeccaagg acteaggagg 613920 aggaagagtc aaggagagca agagaaacag aactgacggg gctgtgcagg tcaggctcaa 613980 ctttggtgct ggtaatggaa agacaatccc cttttgatgg caataacaac tcttactact 614040

ttgggtttct gttgtaaaat tccccatctt ataacctcag tccctcctcc cccacacaca 614100 ctttttttt tttagttcat ttttaaacca agtttcacat aattggctca atacatcaaa 614160 ggctttcaca ttcacataag agaaattaaa actttgtaat tgtgaaaaat gatgcggttc 614220 cagtagaagt ggaattgtaa aggtgacttt gtggctcact ggggaaagta caacggacag 614280 ctgagctgac ctcagttcca accagatact ctgacttcac taatgaccag cactgtgtgt 614340 gtggttaggg atctatgcaa aataagcaaa ctgaccttgc ttattttttg atttgattta 614400 tggagttgat tgaccccatc attaataaca tcaagataga acagctgaag aatatgtgcc 614460 tccctccctt gtctcaaaag tggcggaggt ttttttccca tgaaagtttc ctggaaaatt 614520 ctcttgcttt gtcttcacag ttataattac cacagcctag atatcagtca tatacaaaaa 614580 gatggtctga gaccatgtga atatttccgc acaggacaca tgtaactctg tttagttccg 614640 tactggctcc ctccagttgc tagaagttca ttaattgttt acatgtggta acacacaca 614700 ctcattctct ttcgactctg tcaaattaag atcagcactg gaagaaattc caagggccca 614820 gctttctact ctctgaccag gctggggctc tgatttagcc atttgctgct acttaaggtc 614880 aagtgtcaac accaataagg agcacatttt caatcattac tgaaaagttg atagtaactt 614940 taggtgaatt aagtaacagg ctgagggcct gtgaacccaa atggattata aagttaatta 615000 aagcattagt gaaccttggt gtgccaatat ctccggcctt tgagtctctg agacttaatt 615060 aagtggtggg ctgctcctct ggtctccgtg gtttgtaaaa aatgaagatg cagtgacagg 615120 agcttggatg gagaagtgag aagcttggtg gtggtggctt tcagttttgg taaactgcag 615180 ggaccatgag atttaccatc ttcactattt ttagtgtgca cttccgtaat gtaagtattc 615240 cttcaccctg catgtacagc cagtcactgc aatacttttc atcgtgccag actgaaactc 615300 aatactcatt tagtaactcc teeeceegee eeggeeeege eeteateeea eeeeggeeee 615360 gccctcaccc tgcccccaga ctcttgtaaa cccctattct attctaaccc ctattctatc 615420 ttcaccttgt gtgaggggtt tgcctcttgt gacaggctta ctttatcatt gtgccctcca 615480 ggctcactgt gttgtggcac ggattagact ttctttcctt ttgaaggctg aataatattc 615540 cagcatatgt atagaacaca ttttatttat acattccccc aaccacaggc tctcagtttg 615600 ctttcaccat ttaggcatta ggacaagccc agttagaaac accggcatac aactgactct 615660 tagagccacc ctgtttagtt cttttgctca acaccacaga gttaagactc ctggatcaca 615720 ctgtaattct ttttactaag tgccaccatc ctgtcttgca cggtactctg tctagccaag 615780 ggttctacta acagggttca agggtttctg tctctcgaat tctcacggac cttttcctgt 615840 tttgtttggt ttggtctggt cactactgta ctcacagatg tgagcagcag cctcactgac 615900 tttggttgtc tgctccatgc gctttctgac tccttttcat ttgcttgttc actggctgaa 615960

gtcctctgct aaactccttc ccattgactt gactggttaa cttgttttct tcctttgggc 616020 acaagaagta tattctaggg attagccaga tacaacattt gaaagtattc ctctcctatt 616080 ctgttatctt tcaactctgt tgaatgtgtg tgtgtgtgtg tgtgtgtgtg tgtgagagag 616140 agagagagag agagagaga agagagaggg agagagaga agagagagta tgagagagta 616200 tgtgtgtatg tctgatgtgt acatgtgtgt ttaaatatgt atgtgtgtgt atatatat 616260 atgtgtgtgt tgcaacatcc caaacccaca gcctcacaca caccagacaa gtactctaca 616380 ttaagttata teeetgaaet agteatgtte tttgataeat agaaetttta attteagtga 616440 agtccaattt gcctattttt tttttctgtt gtttcttgtg ctttgggggg caggctcagg 616500 agatgactac taaaccctaa tgttgtgaag cctttcaaac ttccattttc ctctttgagt 616560 tttaactcat ctgtgcacac cttgcccact ggagtccgtt tttgtagata gagtaaagtg 616620 aggttcagca gcccttcttc tgcacatgga tttccagcac cattccttga acactctctc 616680 cctgggtcag tggttatagc atcctcactg agaaccccat gggcttgcat gcaagtcttt 616740 attectgagg treetcectg teccagtget etgageacce gtetteacat gagtactata 616800 ccatctatgt ttatactggt ttttttttta agtctgtttt tggaaccagt atcttccaag 616860 ttctctcttg tcttcgattg tttcataaga aaacaacacg taaaattttc actctgtttt 616920 cctctgatag taccacctat agctgaagat tagccctgct aatgatgtca aaggtcaagg 616980 tataggatgc tcattaccac aggccacccc aggctgccat tttatagctc catctactgt 617040 ctcctgcccc caccagccct ggagccccac accactaaca tgttctccat ttctatagtc 617100 tggtcgcttc taaaatttta tgtaaataga atcgtctgga tgtccccttt gggagattag 617160 ttttttttat taaatttgtt tttatggata tataaaaaca gaaattatac atattaatgg 617220 ggtaccatgt gatgcaattg gatggaaatt cagccgagtt cttgtatagc agtctgggca 617280 gtgctttata aatatcttaa agagaagggt gacatagtca tagcaccctg acttcttgta 617340 ccttctaaac tgtgatactg tggtttaaaa agtagcgtca ccaagaaaga aaggtaggtc 617400 tcaaaagaag ccaaggtttg ccttcaacac ttctctacag attgcccttc tatgtttgga 617460 gaaaggcatg ttgctgagac tgaaacatta actttacgta cgtgtgactc agagcagaat 617520 ctcaagtttg gttggtaggg aatggtatgc cacctggcac aggagagatt tcctgtgctc 617580 tetetgtgaa aggeeactgt ettteattat eacatgaaca tgaaacttte tggtttgeac 617640 ggttggttct cacgtcaagt ttgtgtagta gacccaacag ttgaggcaga gaagccacca 617700 agagetttte ttgaatteat etgeceaeat caceteagea ecaaatgett eetgtgtget 617760 gggcaccatc tgaggctcag agatgctgag ctagagtcag tgcttcctac aggaagcgct 617820 gaagcatetg etatatgatg teatgetgaa etecatggat aetgeaegea atatacaaat 617880 gagttaatcc tctctcagga catcagccct gagactcttt tccatgagaa cacccatagc 617940 agtacaagat ttatataata cgtatatgta tgtataagca gaacctgaaa gtacaaaaac 618000 tcaaagcctt gctatgcaca gagtcttagc tcttagtttt tcttgtttat ttaagcccag 618060 tacctgatgg ttaagcacaa tcagtgtggt tggttaagtc tttgatggat gcattgatgg 618120 aaaggacttt tcagcttacc ttagagggac aagaaatacc taggctcaac aagacagagg 618180 agtgaatatt cttcatgaag caactgccat aaataagtgt agtcatggcc ggaaaatcca 618240 ggagacctca gtagttcagt ttgtcttggc agcagaggca ggggacaaat gatagcatag 618300 aagggtgaac aagctggagc ctgtgtgtgc tgggatgtat acctttgggg atttttgtct 618360 tgcttcttca gtggcaatgc aaagcttttc actacatcta ttttagtatc aatttgatca 618420 tctgagaatg tggtgctcaa aagggaggac tcctggttca atcccaggac agtcggcttc 618480 acatteteat gateetaaga ettaettgat eeaggataet gtggtggttt gaatatgett 618540 ggcccatggg aagtggcact accttgttag agtaggtgtg gccttgttgg gagaagtgtg 618600 tcactgtgta ggcggacttt gagggcttct agtgctcaag ccccaaccag tgtggaagag 618660 acagteteet cetgettgae tteagateag gatgtagaae teteageeee ettteeagea 618720 ccatgtctgc ctggacactg ccatacttcc caccatgatg ataatgaact gaacctctaa 618780 aagtgtaagc cagccccctt tcattgttgt cctttataaa agttgccttg gtcatggtgt 618840 ctcttcacag caatggaaac cctaagacag ataccctgat ccaggaacac cagccctaat 618900 ttgtcaggag actgaagcaa agaaaagcat aggcccagta aagaagcccc agatttcatc 618960 tggcctagaa cgagggcagc catctgctgt aagaccaatc ttgatctctg ctttcctgaa 619020 gccatgagac ggcaagttct gtcatctgac tgggtgacca tctttccttt cattccctaa 619080 ccgtctttca tctggtgccc ttacccaatg agggaagctg tagctgccct cctgcccaca 619140 gggaaggctg taatgatatg tggtgaattg tagatgttgt ctggttatgg ttttttgttt 619200 tgttggttgg ctggttaggt ttttttttgt tgttgttgtt gttgattttg gtttgggggg 619260 gtatttgttt tgtttttgtt ttattcaaga cagtgtctca ttatgtagct ctggctgtca 619320 ctgtgtagac taggaactca atatgtaagt aaagtggcct cagactcaga gatccaactg 619380 cttctgcctc cagagtgctg ggactaaaga gatgaaccac catgcttggc ctctttggcc 619440 atactcataa ttcctcgcaa tatgtttatc actataggga ggaaatcaac catgtcaagc 619500 tatgtctctg cttccctcca tgacttttca atgtgtgctt taatttctca tatagacagt 619560 accaaatgga ccctttcaag aaccttgcct tcagaaggaa aattaaattt aacacagact 619620 tttgttggtt tgtttatgag tagcttctat gggcctagca ctgttctgca ttgagttcat 619680 tcacaggata tttgttgagc agcaattgtg tgtgtgttgg gcaggcacaa tacagaccca 619740 catggagttt gcactgtcaa acttagaatg ttttggaatg aggaagtgag attcttcgtt 619800

ataaaaagag tcaaacactc ataacgggaa tagaagccaa aaagaatgtc agcgtggact 619860 gagttgacta gtggcagcta atctttatca gacccttgcc atatcctgaa ctcagtgtct 619920 gttaatctaa gcttcacaat gccacatttt acaggcatgg aagttttacc tcaaaaccaa 619980 aatgtagata agaaatttga acccaggtat ctggatagag aattttcagt tttaactacc 620040 accctacctt aaatgaccta aactgaataa gtgttaagcc acataatatt attgctaaaa 620100 ccctctctgg aagggaggaa actcttaaag ataatgcagg cttttctcag gattagacta 620160 taacagtetg teceatetgt gegteaggea gaegggaget tatteteatg ggagaegggg 620220 agggagaggg gcatctcagg gtgagggcta tgagaaagaa tgagccccag gatgggccag 620280 gatggccaaa acaagagtga gtcaacaaaa atccagtgtt caaactgagt cttgggagaa 620340 ggtgtgttag aagcagggtt aagaactatg ttctctggtc tcagcatcct gatccttcag 620400 gcctgatctg aggggctaca ttcaggatga atggccaaga gtaagttagg gggtagcctt 620460 ggcagctcca ccatgggttg tgtcagcctc atcttagagt tagtccccag gtcacagaag 620520 caagtettaa teteteagaa gagageatgg atetetgaaa gttteeeace taagteetga 620580 ggccctgatg acctttggca gttcccagtt ccctgttcca tcccaagttc tcttttgctg 620640 tactgggact cctatgaagg gctatctcct taggggactg agcatcaaat acatcgtgag 620700 gtgttcattg aactetecea ttattetttg atgggattgt attetgetet tttettteea 620760 tatcacattc ccttttacac tttcccgtct ccacggctgg tcaccacacc gctcactttg 620820 tacatatgat taatatatta catctgtcct cttctcggcc attaatgaag atgttaaata 620880 attctaagcc aaatactcac ccccgtgggg ccccacagga cactttcgtt taattagttg 620940 tattacettt catetetete atgteetttg aetteagatg teetgetgat tttgaageea 621000 tgtgactttt catcctgtcc tgtttgaact aatttcatga gtgaaaatct gagagatgtt 621060 ttaccaagtg ttgacttggg tccagaccta cagagagctt cactatgttc tgattttttt 621120 tcccctaaca gattaataga gtatagtttg ttcttaataa actgagcctt cttaatggac 621180 ctctttccaa tagtcttttc tctaaaaatg tcatggcaat ttgagttatg ttggtgtcag 621240 acgtcacgca aggtgagccg tagttaggat ttctattgct gcaatacaat actaaagtga 621300 ctaaaagcaa gctgaggaag aaagggctta tttggcctac acttccagga cactgttagt 621360 cattgaagga agtcaggaca gtaactcaag cagggcactc cactacctgg cggcaaaaagc 621420 tgatgcagag ggcatgaagg ggtgctgctt actggcttgc tcctcatggc ttgctcaacc 621480 tgctttctta cagatgccag gaccaccagc ccagggattg catgacccac catgggctgg 621540 gtgctccccc atcaatcgct agttaagaaa acgctctaca gctggatctt atttaggcag 621600 tttctaaatt gaggttccct cctgtcaggt aattctagcg tgtgtcaagt tgacataaga 621660 ccagcaagta caagttgctt gtgccttcag agttgatcct ctcagacgtt ttcaaggaga 621720

actgttacag gtggttatac actttccaat atcttataac ggcttagttt tttgaaaaaa 621780 aqaaaagaaa agaaaaataa acaggcatcc tgcaaactgc ctgattaagt actttccaat 621840 atgctatcct aatacaaaca aatgagaaac acccccccc tetetetete tetetetet 621900 tctctcttta aacaaaatag ttaaaattta ccatcactta aaaataaccc ctgtctctaa 621960 agtggaactc ccaggaagtg gacagttcag aggttaatgg gtagaaggtg ttgggccagg 622020 atggttacag tcagtgatgt ctagatttga tgcaggggaa ccttggatat ggaaagaagg 622080 aagaccctca ctataggggt gaggaggcct ggctgtatcc agcccagtta tggtttttag 622140 cttgaagggt tggctacatc atgtcaggtt gtaaattaac tttaaattaa agtatcaaat 622200 aacatctaaa gtatggaggg cagaaaacat tatgggaaag attgttctct ggtcctttgt 622260 attcatttta ttttttaaaa agttaacaaa tattaaagaa aaaaaacctt ttaatgaatc 622320 ctcatatcca tgacgtacag ctatgtagct gtgctatcct aaattgtata ttttcacagt 622380 ggggtcatgc cactgattgc tetttageet cetaactetg agattaaaaa aaaactetee 622440 tggaaaataa aagagctgat gcgaccctct ttggaagcaa actgcaggca cctacttcca 622500 taagaageca ggeetagaet eggteeteea tgggeaatgt aaaeteetet aaacaataag 622560 attgtcaaac gaaatgcttt tgaggttgca aggctcaagg ggaaatagga agttaaaagg 622620 atatcagect cegatggtgt ttetagagee ettaaaagag caaaatgeae etacetttga 622680 aacaacaact tttttcttta ctagttacaa ggctctctta tcttgtacta tgaacaagaa 622740 gtagcatgtt caaaagcatg ctatectgtt ttactatgge agacaactae agtataagta 622800 caagaagcac cgagaaaaag acttggcttc agaggacaaa taatggacag tttacaatag 622860 cggagaggta tgaccaggga gcatcgctca gcgggcagca cacggggatg agcacagaag 622920 ttacaggece tgaatteega teecetaaae etagggaaag eeaaacacag gaaaagecaa 622980 gggcaatagc atgtatctgt aactctagca ttcctaaggt gagatgggag gcaatgcaac 623040 ttgtactggc tggtcttatg tcaacttggc atatgctaga attatctgat ggagagaacc 623100 acatacacac atatacacac aacatacaca catatacaca caaacataca cacatataca 623340 cacaaacata tacacacaaa catacacaca tatacacaca aatatataca tacaaacaca 623400 catacaagcg tgagtgcaca agtttaaaaa aaatttaaac acacacatat cttgcttctc 623520 taataagaca gtgtgctctc ttgtagagca ggggatacag atttttctct acaacagtgg 623580 ttctaaatct tcctagtgcc gtggcccttt aatatgttcc ttatgtggtg gtgacactca 623640

aacataaaat tatttccatt gctaccacat aactgtaatt tgctgctgtg atgaattgta 623700 atgtaaatag ttgtgttttc tgagggtctt aagcgacctc tgtgaaaaggg tcctttgtcc 623760 tccaatgggg ttgtgaccca caggttcagg acttccatac tgcaaagaac ctggcagtgt 623820 qttttqaqqc tqtqccaqct acacaqtctc tgttgtaatt agctagagat aatacacata 623880 cttctggata atgacatgtg acatgtgctg ttatatgttt gaaattctat tctccttttg 623940 acattttttt ccataggaca tccaaaaaca gcagacagga tttgaccctg ggtctgaagt 624000 tteetageee ttgatetgee eeccaceaca taccatgeet acetttaeet ageagetget 624060 ggtctagtga tcagtaagta cttgatcact tggctgtcac ctacaaagct aaacagcaag 624120 tettettata acacacaett gacatttgea agggatttat ettgaagteg ttgetaatee 624180 ccatcccaag taccactcta ggagataatt ccaacaccac cccccataaa atgcagtcaa 624240 gtataacaga ataattaaag tgaccctttc aggcacgtag tggttcaata aataaataca 624300 gggctaacgt tctttttaag gtgattaaaa taaagtccac cacaggaatc aattccctga 624360 tgcattacat catcaccacg atgacattaa taatggattt atcagaatct gcaaaatcaa 624420 tccacggtga taatgagtag tggctgctct gccaaatagc ccctgggttt gtcaggagag 624480 cagggtgaga ggttgctcct accaggcgga tggtcagcgt ggcagccgac cacattctgt 624540 cacceggace ageaggagat gggeaggege gagacateae agaagetgga ceagtgaete 624600 agtgtcctcc tgatagacgt catccaacaa gcagctgatc tctacatttg tgctttggcc 624660 cagtgtggca tgatgaggct tctctgaact cttaggccac tttcaaatgg gaagagtgtg 624720 actgtggagt ctctgtatgc taagacctgc catgctttat gtcagccaga gtcttggaat 624780 ggagagaatc tacaaaagaa cctccatgat cagaatggac gatggtagca cttggggaag 624840 aggtgcacaa ggcacctggg ttgtttttgt cttgcaaggg gggaaacgag agcccgaagg 624900 gatggctcag tggttaagaa taattctcgc tcttgcagag gatccagtcc aagttcaaat 624960 ctctgcacta atgtcagatg tgtcacaaca gcctgtcatt ttaattccgg acaacacctt 625020 cctctggccc ctgaagcagc tgctcacaca tgcatctaaa ttaaaataaa cctttagaag 625080 agaagggaga tgattcctgc ctcctctagg atttgtaggg gaaactgatt agatcttgca 625140 aatagaggag aagctcagag agatggcctg agtgctaggg aagttaggta gcatgtaact 625200 ccacaggact cagttttgat tatagcccag agaaagcgag agactgggtc acagaggtta 625260 cacgaatgtt cacaatgcct aacttttcca tacgggagtg gctcaacatt cttaagacac 625320 cctgtcctcc gcattgaaac aaacaaacaa aaaatatgga ctccttccta gagaattaaa 625380 ttcctctgta ttgacatttg tattgacgga acaatgagtc cgtgtgagcc tccgctgggg 625440 agaccacttc ccttcccttc cctgggcttg agcatcatgg gcctcaggag agggaaaggc 625500 agggggctct ttctcaactc gaatgacagc tcacgcctca gatggaatat ccgggctctt 625560

caactgtgtt ttcaactgtc ttgtgagaca aagactaatt ggtttgaccc catgctgtca 625620 catgttgaga gacacgaatc ttcagccctc ttccttgaat tcattgattt cattaaatgc 625680 tgtctgcttg tgtttgcaaa atgtaatttc ctagtgagtt cttcgaaccg caacacatca 625740 agagagagag agaaacagtg ccattttgta gctttgatct gctgttttaa tctcttattt 625920 ccaataggtc ttctacatta aggccattga gccacaaaaa atatcaacct tagggaaaag 625980 caatgtgatt gttactggag caaacttcac ccaggcgtca aatatcacca tgatcctgcg 626040 aggaaccagt acctgcgaga gggatgtgta agttgaagca ctaacaaccg atctttggta 626100 aagttagaaa cctacgctaa agcagtgtta gtaggccttg gtgctttctg tagtcaaatg 626160 gcatttaagt attttataca tcaaaattat agtaagtaaa ttataataag taaaatcttt 626220 aatgattcat ttgacattca ggtgggagac tctggcctgt gttacatcct cagtcaaaac 626280 cagtttcagg atgttgccag tgggagcctt gattggcttt taaagcagag tcaagtgtat 626340 gtagaaagga actaacttag aattatagac atgaactttg gaaacggatg gatggagagc 626400 gtgctacctg aagttgaaaa ggaaaaatgg aagtagaaat gttgttcact gtagctttct 626460 tetetegaet ggettggttt teattteaaa taattaaatt aetagggeat ataatagtag 626520 ttaaaaaaaa cccacccca aacaaatatc agatgaagta ccccttaaag ataatgatac 626580 ctgtggttct ttttatccta gcaatgaaaa acatatccag tgtttgttca ttaatattct 626640 taggtgaatg ataacacctt cccagggggg ataatactaa cattatgtaa taataacacc 626700 gtgacagata actttagttt tctgcttgtt gactcttata agtttgggtt aatttgaagt 626760 ttaaaagaaa atgtttcagt ctatatgaac cataatactg agctaattct cctcatggaa 626820 atgcatttaa gacagtctgc tgaagcgtga tgttttggtt ttttaactac caaaacagac 626880 ttgtacagtg ctgtaatctg ccatgcctat ttagtgaact ttctgtttta attcactggc 626940 tgcacatcgc tgcatcccac ctccacttac tgcagtaaat ctgggatacc catgatctcg 627000 atgggggaaa gatacccatc agtggctttc ctctatacca gagtgaatca acacacatta 627060 aageetgtat etatgeaace tgggttgett atgtgeacea tttateetgg etaaataeet 627120 tatagcaaag atctttcatt ttgtgtggtg aaatctgtga cgttagacac ctgtgcgctc 627180 aatgaagggc aatcagcttc gctgcaaaat aagtcgtttt tggagcatta ccctgtttct 627240 ggctctttat gctctcattt ccattctgaa tgtgtcttga gaagccacag ttattaaatt 627300 aaatgactaa gagctettte tgeatggage attetaetaa ceaeatetge atggtgaace 627360 caggiticaca agcaggicaac gitaataacgic agittaaticti gitacccgaat ccaitggitgaa 627420 atcccaaacc ctgttcatgg aaactttgta agtgaatggc tattttttt ttaagagaaa 627480

aagacaagcc tagtagcaga atgatctata tccccacccc tcaccttcca aagtgtataa 627540 gcacatttgt gttttaatga tttgagcatg gacttcctag agcttctctt tagaagcctt 627600 aaagatatac atctggggca ggacacatgc aaacagactc cagtaccttt caaattcact 627660 ttcttgtaag gtgtggtgac ggtactaggg ttaacaacca cacacagaat atcccttcag 627720 tagtaaaacc agacccttct gtagcctcat taagctgagc aggtggcaaa tacaacttga 627780 tctaaatgtg tgctttagag actcatagac attagagtcg ctgatagttt cagaggggat 627840 gtcacagacg gctttgattt gattgatgag ggccatcagg agtgtatagg acagtcccag 627900 ccaatccctg gtctggaagt ccctgagggg caccagcctt gtgtcctttg attctaagac 627960 gtcagggttc ctgaagcagg ttcccctctc tttgaagggg agaattccca ggtccgtttg 628020 ggggaggggg ggggtcatac tttcctgtgc ttgattaaaa ctgcttcttc ttcttcttaa 628080 aaaaaaagctt ttaattatgg aaatgacagc tcatatataa gaaagatgca tataaataag 628140 gctctttata aacttaaaag ttttggacat tctcccaatt ttatttcatc tttttctatt 628200 gettetecce cetteatgee ecceteccee atggaggegg caggggeaga agacatacae 628260 tgtggctgga gtgtcttcca atcaaatcct ggtgccacgt tgtttcgtgg acccgtcaat 628320 gtgtctctga cagagtagtg ccaatgttaa ccttaatttc ttcatttagt gtgatgcccc 628380 teettgeeet ggteeattag gaeetetgag ggeaaaggaa getgettett catttteeee 628440 ttctaagggg gaatgcggat cagagagaga gacacacaga agaaagagga acccagcctt 628500 agagagecag acceaacagg eggeeettga etagteegee tetegaaaet gttettgaee 628560 atcttcgagt gcaattcatg ggtcgtcacc ttgagcaatc aactgtgcta agtgtctgtg 628620 tcatgtaaga gttcctttca tgaccccttt ctaggatccg ggttagccat gtgctaaatg 628680 acacgcatat gaaattetea etteeateaa geegeaaaga aatgaaagae gtttgeatee 628740 agtttgacgg tgggacctgc tcgtctgcag gggctctgtc ctacattgct ctgccacatt 628800 gttccctgat agttcctgcc accacctgga tcaggtactg tctggatcca cagagggctt 628860 ctcttcttcc ggtgaagggt gatgtacata agatcatggc gatggtagtt gcacctaaat 628920 tttcctcttg gtgttcctcc taggaattat ttctagaaaa ctgctcctgt ctgaccacaa 628980 ggactgtgag catagcctgt ttttatttca ccatggctac taggaaactc acagctcaaa 629040 cgttttgttc aaccacaatg actgttctta gcccaggttg ctgtggcctt ctgtgtcacc 629100 tgccttcccc attcgtgatg taagactccc cactcacagg tttcacttgc taacttttag 629160 actcagctgc tttgaatgct ttgggggaaa tactggagcc tgcgtggagc ctctacattt 629220 caaaggtcct gtttgagggt taaaaaactc caaaataaac tctttgagat gaatacaata 629280 tattaatggg gaaaaatgtc tctctctagt caaatttaaa ttcacattta ggttctggtg 629340 tataacccca acgagatttt cttcatctca cacgaagtta acttttcacg tacctttcga 629400

gataaaacca cagacaaagc aatgagggaa aataaattgg aaggaaaaag agacaaaaca 629460 tctcctgtac tcttacttga gatgaccttg ggaagcagct gggtttgctc aactgtgata 629520 atagaagtca gaccggacag cttagacagc cgaaatggga gttcctccag gttgtacgtc 629580 teegaggtgg gaggaagttt ageeeettge aaggeagegt ettgeagagt ttteaggeag 629640 ctgtctctcc cctgtccctc catctaagac tgtgccctaa gctttttcag aatgccatca 629700 gtcactccag tgaatgccct gaatttccat tacctcttta atgaccttaa tctcaggtat 629760 ggtttagtgg taaaatactg cctagcattt gcctattccc cacctccacc cccaatctct 629820 ctatcttcag ccttcttctg agtcagggct tccccatgca aactttgcag cccattggag 629880 tggcataggg aagactgaga tttcaaaagc aaggctctta cctgcaaccc tccgctctga 629940 gattaagtat gccctatgta taagtagtaa cccggatgtg gcactcacca catagtcatg 630000 gtatagctgc tgacctggtt aaaccttaca aaaactctga gaacccaacg gtgggttgtc 630060 cctttggcag gggtgaacca aggcacggct gcagttcaag caatatacgt agctccctga 630120 gagetgggee caggatgegt ggtttetace acaatactet getteeteet cateaaatgg 630180 ctgcctgtca ccatgattgt gctgagcccc tgagtctcag tgctcctcat ccttgagcaa 630240 gaaggaggag gtgccaccat ctggaatcag gagaagatgt ttgggttggt tttcttaaaa 630300 ttgaggcaga ttgtcaagtg gccatacagt gtctggggtg gacctgccac cccagaacaa 630360 gtgtctggtg acccatgaga ataaccagag ctgtaggcag ctgtttcttt cacactgggt 630420 gaccactccg atgttatctg gtgacacctt gagactaggt gaaatcactg tttggttttg 630480 gtgagatttg tgtaccttcc ccgtacactg aaatcccata tcttaaacaa gaatacaaac 630540 ttctaaggtc actegecatt ttagettgtc cacetategt gtgtteeetg ttteeetcta 630600 aataaataaa ctataaataa aatataattg gtgggttaga gggtttggtc gtggaaattg 630660 tgagagcggg tcatcttctc atagattaaa ctgtaatcaa atgagatttt tgtcccgtga 630720 aatgcttcca aggtacagca gatgatctgg ttatgtgtgg cgaaagacca caagaaagct 630780 ccgattctat taaagaattt gggcactttc ccagaactga aacggggctg acctgtattt 630840 ttttatatgt atgtcttaga aaccatgagt ctgcagccag taccatttaa agacttctaa 630900 aattatcaac gtcttttaaa ttgaaattgg ttccttgtct cccaaatatg accgagctta 630960 acattaattg tgaatcagtt aatagtttag tttgaaatcg tgaacgccgg tggctcaccc 631020 ttgcccttcg atcccttgca gcggtgggca aaacataacc atcatgggca gaaattttga 631080 cgtcatcgac aacctcatca tttcacacga gctgaaggga aacgcaaatg tgaacataaa 631140 tgtaagttat actaaactgg ggggggggg ggctggagga agggtatgtt tcatttctac 631200 gactteggea ttataaaett ttgettteat gtgatetata etgtetetge tgtgaeggaa 631260 agateteatt ettggagtta tttggggttg eegcatagag gaaceagaaa agaattteat 631320

gtgttaagac ctgccacgtt ctcctcgtgc gacgcatgta gcacgttgct ttaatcagat 631380 aacacttctg aataggtgtg aaagtcgttg tggatggttg gggtgctatg tacagagcct 631440 gtgacaagta tgtggtccaa cagcaccaag ggaggtcggg gacctgctga agtaacattc 631500 cttctcttgt cattgtctct tggtcctgtg gccactgtct tccgcccctc ccccactatg 631560 cttccccatc cccagactgt gggaattgtc tggtccccct aagggtttag ttctctgaga 631620 agageettga egtteteaca ggaacettea gggtgaagee atgggtgtet gtgaggaggg 631680 gctaggtaca ctgttgctta tataggtgct tcttgaatgt tcttccgttt ccttcctcct 631740 tttctctagt gtaaagggaa cagccattct gggcctcaac ctgaccactt cctgccaaag 631800 ccagcagtgc tgagggtggc caaacacttt gtcctacttg caaccagtag gtgttcacgc 631860 ctggaaacga gtgtagcgat ccatctttct tacggccttg tcctagacac atgcccatcc 631920 acttetggca caetteetgg ceagtteeca geeteacaet gagtetgatt etggeeattt 631980 tecegtgatg gaageetgtt eagttgtgta gtggeeettg geetgaggga eageetgage 632040 caggagacct ggaaacacgg tctctttccc agaacatgtc ccatttattg agcacctact 632100 atatgcaaaa ccatttttt ttctggctgc aagaacaaag agtaaatgag cttctgcccc 632160 cacaacaccc aaccccacct tcatgaaggg agatggcaga cctgcactgg cattggacac 632220 tggcagcatc gttggtgaca agtgccgggt cctcccgctc cttccatctc tcatgagtcc 632280 aagaagccat gatgtgtttc ccagggaaag catgagtggg tagggctgag actaagctaa 632340 tggagttcag tggaaaagac tagaccagca agcaggtaag gaagcaggga gttgattgca 632400 gagcacagaa gagggtattc acctattcta gacctattct agactaaaac accactcacg 632460 tttgctttgt tggaacctta gaggctgggt tgggatgggt gatagagatg gctgaatacc 632520 atacagggcc acgcaaggga gaatcatccc ccaatacggc tctacatttc cgagacagct 632580 ccccatcacc cctggctctg taggcaatgg gggcaggaag gtcttggggg tctttggcaa 632640 ggagtggcat gagggtcatt ttatccacgg tgcctaaggt agtttggaga ggatagttaa 632700 tgaggatgct tcaggcatgg ctgggacagg tctaagtgtg actgagacac caccagatag 632760 atgeetgtgg agetetetge tggaatgeea tetgeagggt aggtetagag ggetggtgat 632820 ggtgaggcta gccatttcag catccctgtg gatggagatg ggggtggggg gtggctgtgt 632880 agaagagaaa gcaccaagga tgaagaaagc atgtctagaa tctgctcgaa gcttttcttc 632940 aggggtgagg gtgggagagt caaagaaaat agaatgacca gagacggtca ccgagaagct 633000 gtctttaaaa taagggttgc tccccacaca aacaggctca gtcttagggg taaggagcga 633060 gggagaccet gttgctggtt tttcttttag gacgttggtg ttaaggaagt aggtattgtg 633120 gtccagtggg ttttcaccct atcgcagaag tgctaaggca ggaatttcag aatgtgttca 633180 ggataaagaa tggtgttctt actccaatgt ggccacctag atcctctgtc cacccatcct 633240

tagctccaag gttacagaaa acaaagagag ggaatgctgc tcccagcttg cttgagtatt 633300 aatcccttct ccctcccagt ctctctccct tcctctttat cttacaatgt taaggaccga 633360 acccagggcc gtgagcatac tagggaagcc ctctgccact gagccccagc cccggcacac 633420 cctcccttaa gtatctgcca acctgtcctt acattgtctg caaggtttcc ctgcctgtct 633480 cgctgcgccc ttgaacatgg ccgtgtagtt atgggttttc tttgtaaata aacctgttca 633540 caaattgggt caggetttet geeteegtee egtttgeaca eeeeteatgt ettaggggae 633600 ctgttgctgt tcttaagctt gtcattttct gctctttact gttgtgcctg aaaagctgct 633660 teetettgeg gtggttaggg aetteteaga gggaacetet geegtagett eeceaaetta 633720 gggactetet tgetaacett etgeagagge tettttgaca cacagtgaet caaccaggta 633780 ccaagttaga agctggcctc agctctcaac tcccttccta aagtttccgg gactcagcca 633840 tgcagacttg aaaggtacct gagagctttg agccaagcct teceetttee cageetgett 633900 ctctttgcag agccaccctg tgctccccat gccatcaccc gacaggttct ctgaatgcca 633960 gttgtgtcag tgatgctctg catagaggat gctcgcatgt gcagaatact tcctgtgtgc 634020 ccgtcagacc ctaagtactt tacagatata atctcattca cagtggccaa catttaattg 634080 aatgaatttt tttttttaa tctctgctca tttcatttag ggttaattca atcctatgag 634140 atccatagtg ttgctggcct ggttttatag aggggaagaa caggcgttcc gcagaagttt 634200 ggttgcctgg gtcacttagc atttagagct ggggtcctcc ggtacctgat aggctctttc 634260 ctgtctccag gtctctgaat actgcgcagc aactttctgc aggtttctag ctcctaattt 634320 aaagagctcc aaagtacgta caaacgtggc cgtgaagctg agggtccaag acacctactt 634380 ggactgtgga acgctgcaat acctcgagga ccccagattt acagggtacc gagtggagtc 634440 agagattgat acagaattgg aagtaaaaat tcaaaaagaa aatgacaatt tcaacatttc 634500 caaggatgac attgatatta ctctcttcca tggggaaaat aaacaattta attgcagttt 634560 tgaaaatatt actagaaacc aggateteac aaccateett tgeaagatea agagtateaa 634620 gaatgcaaac accategeta geteetetaa aaaagteege gtaagteace tgattgeece 634680 gcctgctgtc tttatctgag tctccgtaat tgccttacta acccccaggt tggagtggaa 634740 tctctcacag atctttagat tcttctcttt aaatagaaga agatcgacaa agctgatact 634800 gcaagcccaa gcataattcc aaccagaata gcaggcagag ccatgcctgt gcttgttgga 634860 acggcaaagc accgaacaca ccattgtcta taatcctaat gagccttgat agcttttgtt 634920 ctagctgtgc atttatacca tagcatctgc aagccacatc tccagatcca ctgatgactg 634980 agetgteact etetetet etetetete gaaegeagag gtgaeatgte taageagaaa 635040 cccaaaacac cagcetetta ggcacaagca gggegggeag cacaageete tgteggeage 635100 ccaataatet agggtttgag agtggegtee geeageetgg etgtettttt etgeageagg 635160

tcaccgtttc ctagatgtgc ccaaggatcc tctgagaaga gaaacataca gggtagtgtt 635220 tactctgtcc agcgtaagcg gctctgtaaa gtctattaaa aaaaataata atactctgcg 635280 agtcagggga cgcggctcag tggtagagtg cttgcctgtg gtgcccaagg ctccaggctt 635340 aatctccagc attataagaa aaagaagagc aaccattttc tttgtagtaa aaaataattg 635400 gctaaaagac aagagagaac atttgtactg ggaggcagaa gtgagagtgt gcttgagtcc 635460 cagetgtgge tetaggtagg acatetgget tegeceeece eeeeceega eeettteatt 635520 gtttatcatt ttggcaagag aggtagtaag tagccatcac gaaatgagca accccaggaa 635580 cctgctcgag gtgctagctg ggtgtggcac atccaggcat ccttccattt gctgcaaagt 635640 tcccaagcac ccgcactggg attcaaaccc ggcagagcag aaagcaggca gaaacagctg 635700 ccttgctgga gagtcccagt gagggcatgc agtgaggaat aatctttagg gaggactata 635760 cgaaggggga ggagaaagta gactacctag ggatgtcttt gcacctgatg gtggaaaagt 635820 ttgcctggag aggcgacatt ggaatgtggg cctccgggag gaggagaagg aagagaagga 635880 gccacggaca gacagaggga agcacaggct ccgagtgtcc tgaggcagaa acctgccggc 635940 taggtctggc ctgaatgggg tgggtcagca tggttggagt gaggggccat tcccaggagg 636000 ttagagagtt gatggggagg gccagagatt attagggcct ttaaggcatt gctagaggcc 636060 tgtgcttttg attctaggca gctgctagag agagaatgag aacagagatg gtgtgagctg 636120 ccgtcctata ggagagagac cgttggcctt tacctaccca taggcccttt caacatccat 636180 gtcagagatg acagaatgag gctgggtgca gactaactta agatcctgca aggaaagaaa 636240 agetggacta agacetgeca teacegeaac catetegett ggtgetteca tggggeteag 636300 gttcatgggg cagctcaggt tccagggagc cgcaggtgcc ttggcacttg tgtgtgtgaa 636360 gatgaagaag ggacagatgt agcatttttc ttccttttca agtttaattg ccaagttttt 636420 cttagcccct gaccttcaac ctcccccctc tccccaaaag gcagaaaaca gaaacgacct 636480 tcagggatca tctggtggtc agctttgcca aactaatttt cacctgagaa agtgacagtc 636540 aaaaccttcc tgactggaag catcagtgta ggagaaagcg aagtgtaatt gcacctgtag 636600 agaacggcta ggagccttct gcctcagtgt gagcccaccg ctgcactagt aaggttcagg 636660 acaaagaggg ctagtattta aaacccacag gtctagtccg gcacacctag agatcccacc 636720 cgccccacca cgtctacatc tcggggaagc tgacagcgcg catgcgtatg gtgcctggcg 636780 ccactgggtc taacagtacc aatctgtccc atcaggtcaa gctgggaaac ctggaactct 636840 atgtggaaca ggaatcagtt ccttccacgt ggtattttct aatcgcgctt ccaatcttgc 636900 tggccattgt catcgttggt aagtggcccg ttccattttg cccgagacgt tattccccaa 636960 ggcttctccg tgggcaggta gaccttcagc ttttgggaac tctctgtttc cattaaatat 637020 taatggatga aaggccaagc cagagagttg agaagtgaat aacaggtggt ctgtggcttc 637080

tctaatgagt ttttacggtg cttcactaac aaagagcgag attgcaagat ggtcccttga 637140 tgtttgagaa gtattgcgca gataccccac gtctttggga ttgttttgga aacaagtcca 637200 ttaaggactc ccagaacgtg gtcatcctat ctcatccttg gcttctcccc accccctgcc 637260 ctgcttttcc tgggaaagtc aggctttgca cgtgtgtcta tgttatctat tccaacatgc 637320 cctgcttcct atggacatgg aagtaccata ctgactacca gtgggcaaat ctgacctatt 637380 tettggatee taeggtaceg tittggtitg gittigtitt aactgaagaa gitgacatet 637440 aaaaattagg taactcaccc tttaaattcg tgttgagggg ggccagagag atgactcacc 637500 agtgaagaga tgctcttcca gaggtcttga gttcagttcc cagcagccag atggttcccc 637560 acatetgeag tgaatetgat ttteteetet getgtaeatg aagagagagt getegtatat 637620 gttaaataaa tacatcctgt agtctgtatg gacagtgtga aaggtctaaa ctctaaggtc 637680 ccagttttag cttgcattcg ttgttagagc ttggcaattg ctactccttg aagacagggt 637740 gttcgccctc tgggttttca ccatagtctc tccatcccct aaggtctcca cccacctcta 637800 tagctggtgc ctgcagctat tttatgtcct tttcattctt tttcttcttc ttctttatca 637860 acagcacacc atgtttgttg attaactaca acatggcccc tttctgacac tgtagggcat 637920 ggaggcaagg gtcggcattg ctgtgctgtg tgtcttcgca ccccttctt actctcgttt 637980 ccaaatctgt tttccttgtt tcttcgtttg tttttttact gagcattgga taagatgtgg 638040 gtgactgggt ctgtccctac tttgagagtt gacttaagga ctagtgcttt ctttgggcag 638100 ttgacactcc tgggacggga gatatacatt tgtgaagaat tggctccatg aaatgaattt 638160 tcctatgttg cctcatcggt gattatttgg ggtatttttt tatgctttcc ccaagttgtc 638220 gatatgggct tcaagaagat tgcttgtata aatgctgagc tctgatttga gtatcaactg 638340 ctgtcagacg tgttcagatc tctcagcctc gccacatagt catgtccact ttgtgactcc 638400 cgagaaacct ctggtctctt gttaactttg taagaagtca ttttgtcctt taaggtgatt 638460 tgtttgaatc tgcaggacct ctcaaaacca tcccgttgtg actcattcta gggaggcatg 638520 tgtcacggca gctatggtaa atgtgaccta gtccttcact catgtcctta gtgtaaatgc 638580 tagatgcacc tagcctgagc ctgccaacaa cagagccagg aaaccaaccc tgctgtgtgg 638640 atgctgcagc tccctttaca ttctgagtca gggtagcttc ctggggagcc actgccccaa 638700 atgaaaaaaa aggggttete tggttgggtg agtttgaaaa teagetettg gaaatgetea 638760 gtcccggtta ttgtaagtac agctgagatg gtgaaaaagt ctagggatga cttctgtgta 638820 attgtgttga acagtgtttg ttttctctct gtgtctatgt ctctgtctgt ctgtctgtct 638880 gcccaaatac cataggactc gtataacaga ggaaaaattt gtctgtgtgt gtgttgtgcc 639000

cgaataccac tgcagacatg gaactggcag aggataactt catgttgctg ctcttcacct 639060 tecacettgt ttgagaeagt gtttettgte tgtaceetge atacaetggg gtagetagee 639120 ttaggattcc tggggcatct cttgtctccg cctcccatct tgctgtgggt gtgtctggct 639180 ttacgtgggt ccctcagatc ctcctatttg gatggcaaac acttttcccc caaccccttt 639240 tgtgtagtat ctgttaaaag ttgagatcct tctgggatca tatgagagct ggcaatcgtt 639300 tgttcctcgg gtcgatgtga ttccttgatt tactgcctgt aatctcttct acatcacagc 639360 tettatggat aaggeaggea ggeaggeaca gagatgetaa gggatttget cagggteaca 639420 caggtagtaa atgaaacgac agagcggaga tataaaccca agctccagga ttcgttgcac 639480 tgactactca aacagcatgg ttcagagcaa ggtgatgtgg acacagaggc caccagctat 639540 gggggctctc catgacttgc ctgttacatc accccttctt aaacggtgca agttaggctc 639600 ctgctgcgag gagggatctg cagcaaggac acatctgtgt tttccttcgg tatttgcaac 639660 gctgtttcgt ttctccagat atgattagag atgtggggaa aagaatgaac catccacaaa 639720 tecagtgget ggetteaggg aaaaaettgg eetgetteet taettteeag eeagetggga 639780 cctttggttc caagtgaagg ttatttgatt gtgttttcac tttaagatga gtggaatttt 639840 ttccccctgt tacatttaac accttcctct ttagaatgac ctttaatggg ggagctggag 639900 agatggctca gcagttaaga gcactgactg ctcttctgaa ggtcctgagt tcaaatccca 639960 gcaaccacat ggtggctcac aaccatctgt aatgagatct gactccctct tctggtgcat 640020 ttgaagacag ctacagtgta cttatgtata ataataacta aatctttttt taaaaaaaatg 640080 acctttatgg aaatggccct ttaataagaa tccagctttt gtttttttt cattttgttt 640140 tttgtggcat tgaggttgga acccaatctc aatggaacat gctaggtcag tgctctgaca 640200 ccacacagac cccccccc cataaagttt ttacatgctc ttttctatgc ataattctcc 640260 ctctatctct cctccctgtt tctctccccc cacccccacc cccaccccca ttttcatttc 640320 tgtgttactg caccaacctg acccagagtc tctgtcccct cagtggctgt ggtggtgacg 640380 aggtacaaat ccaaggaget cagtegaaag cagagecaac agetggaget getggagage 640440 gaactccgga aggagatccg cgacggtagg ctctgagact ccgcgtgcgc gtagcaaaac 640500 aagecetget caettttatt ttaatttttg ceettatgtg gaaactgeca cataatgaga 640560 actgattgtg tagtagaaga caagctgagc agcagggcct gggcctgggc ctggctttgt 640620 gttctatttc ggctcttctc tgcagccaac caagtaatta tctattgttt cttctttaat 640680 gaaaaccaag gtcacactct gtgttagaca aaacagcaga ggatcttatc cattgtttgc 640740 agagttaaaa tattgctctt gggattctgt gttgcaggct ttgccgagct ccagatggat 640800 aagttggatg tggttgatag ctttggaaca gtacccttcc ttgactacaa acatttcgct 640860 ctgagaactt tcttccctga ggtaaaagaa cactgatcat catcctcagg ctgagccttg 640920

aataataatg cgacatcttg ccttaagtcc gggccgagca gggaagagga taattattaa 640980 ttgcattgat tagggtagag ggcagcaaca ggctactggc aattactctt tccctggtaa 641040 ggagtacaag tttagagtga tgggttttgc catatatata tatatatat tattttacta 641100 ccagcttcaa actgactccg tagctgggaa gtgagctaat tcattttaaa atcaataaat 641160 tgtgggctcg ccaatttgtt gtgtttatct gcctgacttg cactgctgct cctagattat 641220 tcgctattat ttctccattg gaaacgaaag gcaggatcag ccaaatgggg gagaaattgg 641280 acacgcaggg aatctgagtt gatggcaggc agttttagcc acgtgaaggg tttatggtct 641340 cttctttgac agtttttctg ttagtagatc actttgcttg ttcaatagat ataggtgtct 641400 ggaatgagat gtgagtggtt ctagcgcttc aagtgtacag agagcccttt gggttggggt 641460 gggtctcaat tctgttctga caccccatt tcctcacaca ttcttcagtt accttccccc 641520 ccaccccac cccaagcctt tgacaagaac actcacccat tctgtctcac cacgctatac 641580 ctcagctctg ccatattgct ctgctggtct cagagagatg ccctctgaat tagagctcat 641640 tagtecetee catatteaga tetgggeeag teageaaagt tagaaatete tteaaacett 641700 gactgttttt ggccagaagc ctaagaacat aggcacatgt ggttggcaat ttctagtgtc 641760 tctacaagtc ttgcaatgga tatatatata tatatataca tgtatatata tattaatcat 641820 atatataaat atatatttat catatacaca cacacatata atacctacac acatgcacac 641880 acatagcact gtcgggacag ctagacattg ccacaagata cctgccatat atggggatcc 641940 aagcettggt gttataaate aagaaggeta caaataagae cagtattett aettateete 642000 caagaatacc aggcaccaag acctgctgcc tgctgcctca tccatttgcc gtacttgggg 642060 gaaggaggga aattcaagtc cctgagtcac ggtaatactc aggacctctg agaagcttgc 642120 atctcgagcc ccagtttccc cgttctctga gattccccat taagaattta aaagcaataa 642180 aggagatttc cagcatccag atgagtactg tgtgggcttt tacagttaat gattgccctt 642240 gaatgctgaa tagcataatc tgcggcctga aaaggaaatt ctcctatctt ctaaagtcag 642300 cagtcaaggg cagggcggac tgatgagtgt caaggaacac cattgcgagc cgagtgcctc 642360 aagatgaaag gaagccccca gaatagcgtg gcattatctt gggagaagag aatagtcgca 642420 aggageceaa eegatttaae teagggttea gtgtggtget gaatggeaaa eagagagtee 642480 taaagccagg agtcattaag acagaggacc caagtggaaa ccaacaggga tctttcagaa 642540 ctctttgaag gagatctaag tcaaaactga gtttatacta ataagaagtg gggtgaagcc 642600 caagaccagg ctgcttgcta tggttgacca gagccagatc cttgggcctg gagcttggat 642660 gtctgagagg ccatgatgga tgatcagttc ttccaagaca gcaaaggaag aggtggccag 642720 ggtgtggcgg ctccagcttt gctcacctgc ctgctggttt tgttttaaag ctttcttttt 642780 cattagagea gtggtteteg geetteeteg tactgtggee ettttaatae agttetteat 642840

gttgtgctga cccccaacca caaaattatg tttgttgcta tgcctgtaac caattttgct 642900 actgtgatga accttgatga aatacttgat atgcaggata tctgatgtgc aacccccgtg 642960 aaaggattgt tcgaccccca tgaaggggcc ttgacccaca gcatgcgaat cgctgcatgg 643020 tgtatatgtg ttattgttgt ctgagatagg gccccagatg gcacaggctg acctcaagtt 643080 tccaatgtca taaagaagaa ccctgaactt ctggtctcct atagatagac tgatttctgt 643140 tttcctgaaa atagaaaaca caggataagc agaatatcta atctcttgga ggaaggaaat 643200 ttgaatgagg aggagaagtt ttgagccagg gagcaagggt atcatcactt cccagcagaa 643260 ggtcaagaat gaattgtggg gtcttaagag ggctcagggg taaaggtgct tgccacagta 643320 agagttcaat ctccaggacc caaaagttgt cctcacacac acacacacca cactgagaca 643380 tggcccttcc ctcccctgta aataaatgta atcacacaca cacacacaca cacacacaaa 643440 actgtttaaa ctggacattt atatgaagtt aaggagtaga ccaaaataat ttgagatctt 643500 ctgctttggc taacaaattt gaaaccgtga aatgaggttc tctgcaggaa aaatttactt 643560 tattaagaca caagctttat ccagagttta aagtatgagg ggggggggag aggagagagg 643620 agagagaaat ctgtttgatg ttatgatttt acttagttaa ttcaaactat tacccagtat 643680 ggttttatat tataatcttt gggcatagtc catgttagta atttcagact ttgggagaca 643740 gagaccagag aattgctggg aatttggggc cagcttggga tataaagtga ggtcctgtct 643800 caaaaacacc caaaataagt aaatagaata aaatgcaatt cttaatttcg gtaagattaa 643860 tgagacatta aaaaaaaacc ctcaaaatga aaagtttata tttaggatcc acatagcata 643920 gtatatcaag acgtattttt tcgagtaggg ataaaaccct cagtcatagt ggacacagag 643980 cactgtgtgc tcagggctcc cgcatttcat ttttacaaga agcctgtgag gtgggaacca 644040 ttgcctccct ccatttcaca gatgaaggaa gtcggacaca gaggttaaat aacccatgca 644100 tgctcgtgtg gccagtacat ggtaagccag agctgggccc ctggtagttt ggctctaaat 644160 tccatgctta tgcatcacat gttctgccat tgcttgagga tgtaacatag taggacagta 644220 gatgctacct ggctatacca catctaagca tggcggactg tgtgagcctc atgcttagag 644280 ggtagcgctg tgtgagcctc accettggag gtcagcactg tgtgagcctc acaccettgg 644340 aggtcagttt catgatgaga ggtctgacgt ttctgtaatc ttccaccacc attttgtttt 644400 gttttgtttt taacttttga gtcagttctc ttttaaaaac ccaacataat ctaccaaaaa 644460 gccagtcttt gccaacgaca attctcagag gcttccagag gccacgggtg ttttttgaga 644520 gcatggcaat tatttattat gtcttagagg tgacacagca agcgtagacc aagggctctt 644580 cagattagca aatagcaccc ctgctttatt agaatggact tgggtattgt aacaaaaatg 644640 cactgttcat ttccttttgg atgttatgaa taataaaagt gtctccttcc tctcagtcag 644700 gtggcttcac gcacatcttc actgaagata tgcacgtaag tctctccgtc ttcactttgt 644760

gctcagtgac tgtctgtcag cttatcatcc ttactgtcac caccattgtt aatactttga 644820 attittattg tgggcatatt tggatattaa gtaacctgtt gtcttgggag acccattgtg 644880 gctctgcttt ctaagtttcc acttacgtat ggtcctgagc tatattatca tactgttaca 644940 tcattgttgt ttactcttca cctcctccag aacagagacg ccaatgacaa gaacgagagc 645000 ctcacagect tggatgeet catatgtaat aaaagettee tggttacegt cateeatace 645060 $\verb|ctggagaagc|| agaagaactt|| ctcagtaaag|| gacaggtacc|| tgttagttcc|| tttgtatttt|| 645120||$ gataagcact tagacagaga cgtgaaaacc taagcaccca ccgggtatga tggcacacgc 645180 ctttaatggt agcatgctgg aggccaaaca agtagagctt tgtgagtttt tgagaccggc 645240 caggictatg taacaaatta taggicagict agggacaagic aacaaccica agictacttat 645300 teatteatte aetteaeate etgateatag eetgeeeet eetaateeee teetegtaea 645420 gtccttccct atcttcctct ccttctcctc tgagaagagg gagggccctc cctggatacc 645480 totggcacae caagteactg cageactagg cacateetet eteactgagg teagacaagg 645540 tggacccgtt agaggatcag gatccacagg caggcaacag agtcagggac agcccctgct 645600 acagtcattg ggggacctgt atgaagtcca agctgcacat gtgcaatggt agtagtgtcg 645660 gggactggct gttgttctgc ttgcagacag agcccagcat ggctgtcctc tgagaggctc 645720 catccagtag ctaaccaaaa cagatgcaga gacatatgta cagggggcct aggtccaccc 645780 cgtgtatgct ctttggttgg taattccatc tctgggaact cctaagggcc caggttagtt 645840 ggctctgttg gtattctctg ggtattccta tcccctccag gtcccccaat ccttacccag 645900 gctcttccac aagatttcct gagcctcact tgatgtttgg ctgtgggtct ctgcatctgt 645960 tttggttagc tactggatgg agcctctcag aggacagcca tgctgggctc ttgtctgcaa 646020 gctgaacaag aaccaatccc tgacactggt accattgctt tagtttttga agggctgggt 646080 atcgaactca gggcctcagg gatgctgagc aggtgcttcg cactgagcta cagacccagc 646140 teteaagete ettgetetta aaceteteee tgegeeteag eaggeeetgt eeeageggag 646200 ttgacagggg gtttatacag ccatgctttg tgcaactcgg atcacaccaa cagaacccag 646260 ttctgtcttg aaggcacaca tacatacaca tatcacccag taaaaccttga caaaaacccc 646320 aacaccaaaa aagaaaatto ttaaccaaaa aagcagaagt gttattttta attttgaatt 646380 ttaaagaaat accctaaatt ttttggaaaa gaaactcact tcttgttggg aaaaaaaata 646440 gaaaatgact tgtttggttt gtttgtttgt tatttcatgt acccagcagg ctggcctaaa 646500 actocotttg tagotgacat gacottgagt tocogattot ottgoototo cotocatact 646560 gctgagatga caactgtttg ccaccacagc ccatatatgc ccttctaggg atcaaaacca 646620 gcgccccatg gactaggcaa gcagtttacc aactgagcta tgtgggtgct tacgcctggt 646680

gggtaatctt atgccataag aactgaacgg atcggaacct aaacaacaca caaaaaaatg 646740 gctcctcagg agacaattcc cccattgcca gcaagatttc acggaaatca gacaagtcct 646800 cctgagtcca gggctaacgg ctcaccaggc tctattttta aacaggtgtc tcttcgcctc 646860 cttcctaacc attgctctgc aaaccaaact ggtctacctg accagcatcc tggaggtgct 646920 gaccagggac ctgatggagc agtgcagtaa tatgcaacca aagctgatgc tgaggcgcac 646980 ggagtctgtg gtggagaagc tcctgacgaa ctggatgtct gtctgtctct ccggtttcct 647040 ccgggtaagt gtcacagggc tctgcagtgt cagaggtaag acaataggca attattttta 647100 gcccacactg gtgtctttgt ggagctaagt ccagaatgct ctgtgcagtc agcgtttaat 647160 tgaacttgat cgtgggtctt ccagattgaa tggaaaataa caattgtgcg ggtcttgttt 647220 gtttattttc tttgtttgtt gctgctgtta gtagtcccta gggtacatat aattcacgta 647280 gggctctctt gggtaagatt cttatatgcg agctcatctt cttatcttag ttaacaccct 647340 tgattctgct agcctatgta ggaaaacgtc ccgagacctg agactgttta aaacgctgat 647400 gagcacaaac tgttcttgag tcctttaaaa catgttggaa atactcatta ctcactggca 647460 cactggcage taatgaeggt ceettettee caggtgttea geagtaaage aaateeccaa 647520 agageettet gteeteegag tteaetttet tgaagtgaet atggeatatg gttgaattte 647580 attgaacctt caaatctttc agagtccaaa ctttctatga gcattggagc ccagggctgg 647640 gtctggagtt aagacggctc catcgcttct tggcatgtta cctgtggagt taacaaaaga 647700 tgaatatcat tgggctgttt tgaagcccag atgagcagga gtacaccatt tgctcggcac 647760 tgagtaagaa ccccataaat attggccatt attataaaat attaaaaatga aaatcagggt 647820 gtttctgttg aacatggtct ttgttcatcg ctctgaggcc ctgggatgga gggaggttct 647880 tatccatctt taacttcacc agccgtccag attccagcaa aacggcataa ttgtgtattt 647940 gcagcttgct tcaaaatcta attaaaccct gaataagata cactgctatg ccacaggttt 648000 taacaggget gettaagetg agateeacaa geageaettt aaattagaet gtgeetagtt 648060 taatgtttaa tgcaatctta agagtagata cgcaacattt aaaaaaaatt tttttaactg 648120 acttttccca ctcccaaggc aatggccgtt tattaagatt aatgaaatct gcctcctttt 648180 ctgtttactt ggtatatatc atctgctctg gggatgtgtc aagtggttat ttctggagag 648240 agetgeettt gggeeteet gaggetgggt gggtggeeae tgetgaacae aggtgetaga 648300 ccctctccca ggttcccagg tcttaatcct cagctgaccc taagccaaaa gccctagaat 648360 ggcatccacc agtctcttct ctaaaaactc tgtggctaat gtgtacaatg ctcagaggaa 648420 acagaaagca aacacgcacc ctgaggtttt gtttaaaacc agtaagcttg cttgctatct 648480 gcgtccattc cccagcgccc caacccaccc agctgcctga gtcccccggg ttagcgtgtt 648540 cactgtggac actgtatcat tttgttgctt gtgtgtttct ggcttggtgt ccattcactg 648600

gtaagtetae tggtttgaaa tteaeteeca getetteeet aecaggaaet egeaggaget 648660 gcttttaggc atgaaagggg agaagtgttc agaaaaatct gggctccaag cccaagcggc 648720 ccccttgagc aaagcattct gggtcaagat ttcttctctg tgctgattca agagtgtgtg 648780 gaacactegg tggtgagggg ggagagegge aeggtgeeca agaggaagtg geageeagee 648840 agtcctgggc gggactttca ctttcagtgg aagaatccct ccagttatca aggggcttgg 648900 ggggcctcct cttgccctgc tcattgatgc taagcaggta gcaaccttca ggtgagctcc 648960 cttcccagac tccaaggcct ggtagggaca gatatgacag ttgacatcta ttaagcactg 649020 ctgttggcta tacatcagac atcaggccaa gagcttggat tatcttttct catttaaccc 649080 ttaatggtct gcagaggtaa gtacatttat ggctgttttg cctatggggg ctcaagacag 649140 acagaataga tgtgattctg taggtccgag ggtagcgagg atggtgccag cctctgaatg 649200 agctgatagt cagctctggt ctgtcatcta aagagagaag acatgtcccc caacagatga 649260 gacatacaat teettgtgtt agttgaegae aaagaaatet tgtggeetgg tggttteeta 649320 ggctagtcag tgtctctaga aaggtttttc aacctgcctc tgctaccgaa atctaggttg 649380 agtaggtatc tatgtggcac agggtagggg acaggcacct aagttcttag ggagatcctt 649440 aaaagatgct ggaggtgact cgatagggct agaactgagg gcccgagggg cagtgtgaag 649500 ccatatgtca ccagctccat ttggggaatg ctggaaaatc ctaactagag agcccttgag 649560 ccagtggctg ttcctctgcc cagccctggg ggtcctggct ggcctctgcg tcaaccaatg 649620 tggccaacce agtccccaca caagggccct tggtgtgtct ctgccatgtg taagaaaggc 649680 agaagtgagg ttcttaggtt tgtggtcagg ccctttccca agggggtgga cggaaagcag 649740 atctcggtga gataatgaac catgaaataa aggaagtttc gtatgagaac gaaatgtcag 649800 gtactggtcc cccttgcccc accttggaaa cttctgaaca tccccctctc tgtcccgcat 649860 caggaagagg ctactcgcta ctgtcccgca tcaggaagag gctactcgct acttggggag 649920 ttgtcagcag aggggagaga agcaaagaga ggcagggagg aagtggacca ggagaggtag 649980 agggtggcag gagaccaagg gagggacctg tgcttggagg aagtacaaag gcagagacag 650040 gggtgagcgg agaggttagg ggaggcccca aagggttgtc ggtaaccctc ctgttcacag 650100 gaaatcagac agagagccag agggatgctc ctttcgaagc tgaattagtt agctctgcag 650160 atgaacttgg taacatgggg gctccaattg gagccatgta actactgttt catctttact 650220 aaggcactct ggcttgggag gagccctccc ctttccccca ccaggcctag tgtccatgga 650280 tectggaaac eteattgttt agggggaace gaaactgeee cagggetgea tgeeteagee 650340 gatggcagga agcagaacac agcctatacc tgaactaccc aatgtccctt tgaacatagt 650400 ggcttcaaat ctgggccatc aaaaccccct cccccaattc agtgggacgt gttcacagga 650460 gagggetgga gacagggace etgggaceag cettagaggt teagggaagg gaataetgee 650520

catctgacct gtgaaccgtg caagaggtgt ctgaatgata agggccaagg gctggcacat 650580 gggcaggaca acagctgaag tggaggccac ctccatcgct aaaagcagtt gaacactgac 650640 aggccaccet ccacagcaaa tgtttaaaaac attettgeat gagteeetgt tgecaagaet 650700 aagtgtgaag cacttttttt tttcttaatg tcgcttattt ttggtttgca attaaacggg 650760 cacgtaaaca aggttataac tctacctccg tgaactgctc ttaggcacca gcctactgat 650820 gagcacaagc ctgccagaca ggaacttaaa catgaaatta aggggggcct ctactggata 650880 cctcccatag tgttgggggt ggggtggggc tcgtgcatgt gcatagtgtg caagaaggag 650940 tttcctgggt gatgtgctgc gcgtttccac gggctttgca tgttgattat gagtgaatac 651000 tgctgcctgt cactcgtggt actaccgtgg gcttcagagc taactgttgc tttttgcaact 651060 ttttccaagg agactgttgg agagccattc tatttgctgg tgacgaccct gaaccagaaa 651120 ataaacaagg gtcccgtgga cgtgatcacc tgcaaagcgc tgtacaccct gaacgaagac 651180 tggctactct ggcaggtccc cgaattcaac actgtggtaa gcttgcccaa agcgctccat 651240 aggccccggg gcatccacat aattgaaagc agtagttgat aaaatattaa cacgtgttcg 651360 cataatagat tttaattcct tgggttgggg agggaagcgc cgtgacgatg cctgggatac 651420 tegteaattt ecaaaggttt taatateggg attgettata getttgaaca tegteaaagg 651480 aaatgcaaac tgctccctat tcggcactta taattgcaat cagaatttct caaatggctc 651540 tgcttgggga agacaatgtg tgaagagata tttcaaccca aattgaggcc gtcttatttt 651600 agaccgataa cacaagacaa acttetetgt gtteeceatg caacacgacg cetteettta 651660 ttatttccat ggattggtta caaatgtttg ctgtcacgca cttaatgtac tgtgatctca 651720 tagatatttt tagaggaatg ctgtagatcg ctccagcagg gtgacggggc taggctgcct 651780 gagagtttca aatactgaga gcttcctttt aacccattct ggcgccagcc gccctcaatc 651840 acccccagag aaggagacag tacttcgggg cctttcagga gttttgtggc agaagcccca 651900 catggaacat gtcttccata cggctcagga gctttcgaag cttttccatc atcgtcaact 651960 tgaggaaagg ctctgtagct ttggtttgac ttttagctct atgaagactc tagacttctt 652020 taccatctta ttagtggaca tggaagaagt agattccagt gggattcagg aattgctcac 652080 tggagagete aggeteetgt ggetttgete tgggtggtga gteetgtggt ateattetag 652140 aagaattcac teectaattg aagaaggeac caetgtgeta tggacegtat tatggttatg 652200 tcatggctgt gggtgaggag gagccaggag atcagctgtt tccagtttct ttcatctgtg 652260 tgtagcatcc ccatggctgt gtgctcagca gagcatggtt cctgtggata actgtcagca 652320 cctgtggggt agggcagtgt tctcaggctt tagcatggtg gcactgtggc ccggacagtg 652380 ttaaacaccc attgttaggt gaccctagat gcaagtctgg ggtatgactt agggtttgca 652440

tttctttcaa tttactcttt acaacattta tttattttta tttgatgtat ataagtatct 652500 gcctgtatgt atgagttgcc atgcgggtgc tgagaactga acttaggtcc tctacaagag 652560 aagccagtgc tcttaaccac tgagccattt ctccagccca gatttattta tttttaatta 652620 cttgtatgtg tgtgtgtgt tatgcacacg aatgtaagta tatatttgag aacagaggta 652680 tcatattact ccaaagatgg ttgtatgtaa cccaacaaga gtgctaggaa ctgaatttgg 652740 gtcctcttcg agaacaatgc atgcccttaa ccactgagcc ctccagcctt aggatgtgca 652800 tggttaatat tctcctcagg cactacttga gaactgttgg catgggggtt aggaacctgg 652860 gttctggagc caggcaggtt tgaaccttgc ctctcccact ggctagctgt gtgacactgc 652920 tegagtetet teaettgeta tgeettetea gteteeetga egataaagat gataateatg 652980 acggcccatc tcttggggat gtgataaaga ttaaaagagt atccagcaca caggcacacg 653040 catgcatctg tgcatgcaca ttgtcttagt tagggtttta ctgctgtgaa cagacaccat 653100 gaccaaggca agtcttataa aaaaaacaac aacatttaat tggggctggc ttacaggttc 653160 agaggttcag tccattatca tcaaggtagg atcatggcag catccaggca ggcatggtgt 653220 aggcagaget gagagtteta tgtetteate caaaggetge tagtggaaga etgaetteea 653280 ggcaactagg atgagagtct taagcccaca cccacagtga cacacctatt ccaaccaggc 653340 cacacctcca gatagtgcca ctccctggtc cgaaaatata caaaccatca cacgcatata 653400 cacacagaca tgcatgccca catacagagg aacatagtca cgtggggatc ctcagtttct 653460 tetetactgt etecttete teettatggt ettteetget geteateeac caageecaaa 653520 gcagtacgtg gcccccagca gtgtcagcac cgtgcctctg gctttctaga actgtgaagt 653580 cagtcagtcc cttccctata caaatcaccc agcttcgggt gaggccagtg tttgggtcta 653640 acaagagaag gcagccctca caggggtctt agggataaag gttcctaagt aaacgtaggt 653700 ttggggaatc cagcaagatt tcttttcatg aaacacattg catcagacca ggaagagaag 653760 aaaggaggtg ggctgggggg aaggggaggg agaagtcagc tgcccgaaac aacttttgag 653820 gttacggcgt tccagcgctt tctgtctgag gactttctct ccctttcatt tggaagcgtt 653880 atttatttca cagtcaatta ggaccatgtg tttctgattt gttaggactc aactcatcgt 653940 caaaatgtta cttgatgttg aagaaattcg tgtcgactct tgaatttttt cccctgttat 654000 agcetetggg ggaaatgeaa tggaaaatta aatetetgea etgtteteet etgatteate 654060 tgcggtggat agagtggagg ctggcagaga ggtgggccct agctcctaag gcctttgcct 654120 ttaagaatga tttttttt aaactgtctt ttgttggacc tgctccaacc tctctttcat 654180 ggtggctgat taaactagaa gctagagaga aggcacatga tccagtcagt ctaagcttgt 654240 gtgaccaaaa aaaaaaaaa tgttaccgag ggtcaatatg aaaaatttaa gcattttcat 654300 ttcctttcat ataagttctc ccaacctgaa ccaccctgtt tctaagtttc ccccttcttc 654360

cettecteec ceetecettt tetecaette cettececce acceteceag getacaetee 654420 tggtggtttg caaagcettg ctacatttge etgaggtggt ttatgteatt gaagaetaag 654480 gtgttgtgaa catactggag agtgtgtgtg tgtccctgtt ctaacaaggg acattagaaa 654540 gctctacaag agtcacagga gcaacttgaa atagaagaat gtggtgccat ggcgggcccc 654600 attggagaaa aagcccgttg ggatgcatgc tcagaaacag cgcctcacac aacaaactct 654660 gagttaggtt tcacacctcc taggttagaa tgttttctct ctgaggtgta gggtgttttc 654720 tagaacatag agatgcactg ccagtttctt gtatttaaaa cccttatact accaaatcgc 654780 tetggaaagt cagatgteet teageceate ttgagaggat aatgeetgag ttgeetteae 654840 aaagcccttc ataaccaccc tggctccagt accaggtgcc ccagaccggc atctggcaag 654900 togaatggtg ccaatotota ttoactotot gatgottaag gggagattgt gtcaatotto 654960 atacgacacc ctagacttcc tttaatgtgt gaggagatgg ccctaaaggg aaaatgcttg 655020 ctatacaggc acgatgacct gagttcaaat ctccagtacc catgttgaaa ttagtcatgg 655080 tggcacacct gtaatcccgg tgctagggat ggaaactttc ctctagcccc gggttcagta 655140 aaggacacta tttccaaaaa taaggtggac acttgatcca gaaagacttc atgctggcag 655200 gatagctagg ctggtaaagg tgcttgctgc caacctgagt tcagtccttg ggagccacat 655260 ggtagaagga cagggcctgt ccctgaaaat cagcctctgc tctcctcatg cacacttaaa 655320 ttaatacata aatgtaattt aagttcagag tcacctacag ctgcgtggca agttccaggc 655380 tagtctagat tacatgagat cctgattgaa agaaaaacag aagagaagac tgaccactaa 655440 cctctgacct tcatacacac cataccctca catgtgtgac acccatgcat acaccattca 655500 agagttcaga gttgacagtc aaaagcggga gcaaaaccta ttgatcctct gttttctcca 655560 cagcaaaact gagagettge taaatagtgt ttetggggag tgeetggeee tggeecacce 655620 teetgtatgt eaggaacatg tttgeagage agagggeetg catettggag gattteagtt 655680 ccaggaaagt ataccacatg ggagaaggga catttgcctc agtttcaaga ggagatgaga 655740 aaaaccaata actcgtaaca ggcgtgctga attagcagga gaagtttgac ttgtaatcaa 655800 agttaagcga gaaatggttt tttgaactct taaacccagg aaatgagctt gccaatctgc 655860 tgcatcggag agatagcatc ttggcaccct gggaaacaga gttccgacaa acacattatt 655920 acactcgttc tcatatctgt acgaaagtct ttaagattat tagaaattct tgacaaagcc 655980 cagggacatg cctgcagaaa tgctaatgcg tctgttgtga ttcatggaag gtttatgccg 656040 gtcgctacca agtcaccctg ctccccggtg gctgccgttt ggggacaggc atgtttaggg 656100 caacatteta tetetaacae aacaetgget agecetagea ggaatttetg tgtgttetee 656160 ttacctctct caaacccctt tggttccatt tagcttgtcc ttgcagaaga tccattatcc 656220 ccgtaattaa acaacccact gtcccgatta agccgttctc tgttacttca attacatccc 656280

attgttcatt aagtcctgat gtttgcactt cagcaatctt gtttttaata ctcctagcat 656340 ttgtggagaa acagtgaagt taattaacaa ttcttaagct cttttttttt tctttctacc 656400 atagtgcaaa tcatttccat tatgacttga gataatactg aaaccattac tagcttcata 656460 gttagcttcc tgatcaaaga gtgaaaccat ttttcataat cgtgttaggt aagtcattcc 656520 ctggtcgatg gcaagctgtg gaaaatgaaa aattaacttt aaatgagcgc tttcagtgcc 656580 gttcctcttc gtggtctttc tcttcacgcc tatcgtcttg gaattagaga aataatttag 656640 ttatctcagt acaaagtat ttaattttca tctctgtggt tcaaattaat tattctttca 656700 ttatttatac cttttacaaa tcagttgctt tgactacagc catagcactc tgaacacgtt 656760 ccatttcatc tgctctcgga aggtaaacag aggcaggccc ccgtgactat ttgaatggga 656820 gagtggtatt gcaaaggttt gtctttttgc cgttgtcatt ttccatttgg tgatatatat 656880 agcaggaatc atcagtcaac agcctgggga caaatgagac ccctggactg tttttatgaa 656940 taaagettta ttggaacaet acteegtgta tteatttetg tattatgtet ggetggetet 657000 ttactaacaa tggcagaaag tgttaacttg tcgcaccaaa gaccatataa acctcaaagc 657060 cttaaatatt ttctgcctga tcctcaatag ataatttgtc agctcttaaa ctgacacttg 657120 aaggcggggg tgggggagga atctagaatc ttctctctaa tctgaaagtg cttggcaaag 657180 tgttctcact gttcacaaat ctttgctagc tctgttctct ccattctagg acgtgcaaac 657240 atgctaagta tagagaaact ggtcacagaa acaaagtggg gccaatgcct ttctcacctt 657300 gtcttgttca gaggacaaag gctttcttcc acacttctct gcccactgta attctgtgag 657360 aggagcagac tecetagetg ggagetgttg tetateettg atgegacagg agaggggget 657420 ggacatggta ggaggcgggt gagcatgggt tagggagaca gttgaaggca gggaaggctt 657480 gtgcagggct gaggggacaa ctgttgaaac cgcttggacc gctggctata ctgagcaagc 657540 tgcagccttt ctgagtttgg tacatgaaag agactttcct cttgactttc atttggccct 657600 gaaatgaaat tagaaatata ttttatagct tttattgaat gagaacaatt attgctcaaa 657660 atagggtatg tcagcaagga tgtggctgca tccagccctt gttagccaca gatatgtcag 657780 agaagctaag caggtgacat tatagacctc ccctgggaca gggttctccc catattcagt 657840 ttatcccaag aagcctcagt tttttgtttc ctctatacct caagctggag agaaccacta 657900 gccaagtaag aatgtgtagt tattcaccca tgtgctgtgg ggctagggtc aaagacatgg 657960 gatttaggct ctgagagtcc taggtatgaa attggtcttg gtccattact gtgtgacttt 658020 gggcaggtca ccacccatca gcctatttat tcatctatga atagttggtg ataaaagcct 658080 aaccttgtag gtttttgtag gtaacctttc tgacttgtgc taaagtcaga aaattatgtg 658140 tgtaacacac ctactgcctt tcctggcaca gaggaagtgg tcattctttg tgacagtgtt 658200

tttcttatca cctttaaggt acactaaagg gaggtctctc ctgtggtcct tctagttgtt 658260 tttttattga tgataggtga ggtaggggaa ccaggttagc tagctctgtc atcatgataa 658320 acacatctga aattcccatg tgttgtgtta gctctgtacc aggttacaca tgcttcctgt 658380 gtttgggcac ggacaaccaa atggcagaga ataccctgat aggcagggca ggagttgaca 658440 gtggtaaacc tgaacaactg tctaaaagcc gctgccttgg ggtatgctgg gaaaaaaaca 658500 gccattttca tccagtcctc tcctatgcac tgtgagtctc cagatggcct tgcctgcctg 658560 atggetteet tetgtatata getattagga ageagtacag etgtgtagaa cagaggteea 658620 gatgcccaag tccaagcagc agaaagatgg atttctcccc agtgtgaagg gccggaatgg 658680 gcagccctgc tctgggatgc ctgcaggtaa cttcttggaa tgagctgtct gcttcctcag 658740 cctctttcca attgccacag caggacctca gcaggactac acaagaaagg acagatggtc 658800 agcagctgtc ttgcaagaac ctttcccagg ggttgccaca taacacatcc atttaaagtc 658860 attggccaga atgcggtcac gtggccacac ccagcagcgg ggacagggca gtgcccagag 658920 gctccggaag ctatacacag taatgctgat caacgtgtgc ttccagaaga tgcacagagc 658980 acagtttggt actaagccag agtcagaagg tcaagcccc tctagtacct ggtgtgtgcc 659040 cacccatcgt ctactgatgg agaactccgc aaggagaaca ccattcctag cctcctggca 659100 659158 tttcagtggg agtctggaca tagtcaagtg tgacccttcc agaagctgta atctggga

- <210> 21
- <211> 14
- <212> RNA
- <213> Artificial
- <220>
- <223> Synthetic ribozyme.
- <220>
- <221> misc_feature
- <222> (1)..(3)
- <223> n is a, c, g, or u
- <220>
- <221> misc_feature
- <222> (4)..(4)

<223> b is g, c, or u

<220>

<221> misc_feature

<222> (5)..(5)

<223> n is a, g, c, or u

<220>

<221> misc_feature

<222> (9)..(14)

<223> n is a, g, c, or u

<400> 21 nnnbngucnn nnnn

14